

Analytical Report Cover Page A3I040194.....	1
Case Narrative	2
Executive Summary	5
Analytical Method Summary.....	7
Sample Summary	8
Analytical Results by Sample	9
Quality Control Section.....	67
Chain of Custody	90
Total # of Pages in this Document.....	94

**SEVERN
TRENT**

STL

ANALYTICAL REPORT

PROJECT NO. 100.58.15

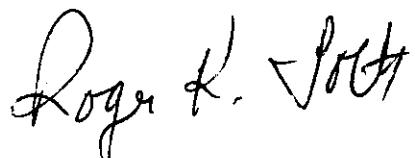
EMD CHEMICALS INC./CIN. OH

Lot #: A3I040194

Dan Weed

The Payne Firm, Inc.
11231 Cornell Park Drive
Cincinnati, OH 45242

SEVERN TRENT LABORATORIES, INC.



Roger K. Toth
Project Manager

October 7, 2003

Severn Trent Laboratories, Inc.
STL North Canton • 4101 Shuffel Drive NW, North Canton, OH 44720
Tel 330 497 9396 Fax 330 497 0772 • www.stl-inc.com

CASE NARRATIVE

A3I040194

The following report contains the analytical results for twelve water samples and one quality control sample submitted to STL North Canton by The Payne Firm, Inc. from the EMDChemicals Inc./Cin. OH Site, project number 100.58.15. The samples were received September 04, 2003, according to documented sample acceptance procedures.

STL utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. Preliminary results were provided to Dan Weed on September 15, 2003, and September 16, 2003. A summary of QC data for this analysis is included at the rear of the report.

The results included in this report have been reviewed for compliance with the laboratory QA/QC plan. All data have been found to compliant with laboratory protocol.

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperature of the coolers upon sample receipt was 2.3, 1.0 and 3.2°C.

GC/MS VOLATILES

An LCS/LCSD was provided for batch 3255166. The batch MS/MSD was not reported due to instrument failure.

GC/MS SEMIVOLATILES

The analytical results met the requirements of the laboratory's QA/QC program.

METALS

The analytical results met the requirements of the laboratory's QA/QC program.

GENERAL CHEMISTRY

The analytical results met the requirements of the laboratory's QA/QC program.

QUALITY CONTROL ELEMENTS OF SW-846 METHODS

STL North Canton conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. STL North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples. These QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair. If there is insufficient sample to perform an MS/MSD or an MS/DU, then a LABORATORY CONTROL SAMPLE DUPLICATE (LCSD) is included in the QC batch.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. All control analytes indicated by a bold type in the LCS must meet acceptance criteria. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch. The only exception is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). If the RPD fails for an LCS/LCSD and yet the recoveries are within acceptance criteria, the batch is still acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be twenty fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed below.)

<u>Volatile (GC or GC/MS)</u>	<u>Semivolatile (GC/MS)</u>	<u>Metals</u>
Methylene chloride	Phthalate Esters	Copper
Acetone		Iron
2-Butanone		Zinc
		Lead*

- *for analyses run on TJA Trace ICP, ICPMS or GFAA only*
- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

QUALITY CONTROL ELEMENTS OF SW-846 METHODS (Continued)

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results may not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable. The acceptance criteria do not apply to samples that are diluted for organics if the native sample amount is 4x the concentration of the spike.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, LCSD, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepped and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepped and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide, PCB, PAH, and Herbicide methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria.

STL North Canton Certifications and Approvals:

Alabama (#41170), California (#2157), Connecticut (#PH-0590), Florida (#E87225),
Illinois (#100439), Kansas (#E10336), Kentucky (#90021), Massachusetts (#M-OH048),
Maryland (#272), Minnesota (#39-999-348), Missouri (#6090), New Jersey (#74001),
New York (#10975), North Dakota (#R-156), Ohio (#6090), OhioVAP (#CL0024),
Pennsylvania (#68-340), Rhode Island (#237), South Carolina (#92007001, #92007002, #92007003),
Tennessee (#02903), West Virginia (#210), Wisconsin (#999518190), NAVY, ARMY,
USDA Soil Permit, ACIL Seal of Excellence – Participating Lab Status Award (#82)



EXECUTIVE SUMMARY - Detection Highlights

A3I040194

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>ANALYTICAL METHOD</u>
MW-8/090303 09/03/03 15:45 001				
Vinyl chloride	160	11	ug/L	SW846 8260B
1,2-Dichloroethene (total)	320	22	ug/L	SW846 8260B
MW-27/090303 09/03/03 14:07 003				
Chromium	0.0068	0.0050	mg/L	SW846 6010B
Vinyl chloride	880	500	ug/L	SW846 8260B
1,2-Dichloroethene (total)	4900	1000	ug/L	SW846 8260B
1,2-Dichloroethane	510	500	ug/L	SW846 8260B
Trichloroethene	14000	500	ug/L	SW846 8260B
Total Suspended Solids	38	4.0	mg/L	MCAWW 160.2
MW-26A/090303 09/03/03 13:16 004				
1,2-Dichloroethene (total)	35	8.0	ug/L	SW846 8260B
Trichloroethene	110	4.0	ug/L	SW846 8260B
MW-15B/090303 09/03/03 08:30 006				
Chromium	0.018	0.0050	mg/L	SW846 6010B
MW-18/090303 09/03/03 10:20 007				
Arsenic	0.064	0.010	mg/L	SW846 6010B
Chromium	0.12	0.0050	mg/L	SW846 6010B
Nickel	0.10	0.040	mg/L	SW846 6010B
Chloroform	14	1.0	ug/L	SW846 8260B
Total Suspended Solids	3200	8.0	mg/L	MCAWW 160.2
MW-43A/090303 09/03/03 10:15 008				
Chromium	0.029	0.0050	mg/L	SW846 6010B
Total Suspended Solids	17	4.0	mg/L	MCAWW 160.2

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A3I040194

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>ANALYTICAL METHOD</u>
P-1/090303 09/03/03 09:25 009				
Chromium	0.019	0.0050	mg/L	SW846 6010B
Total Suspended Solids	8.0	4.0	mg/L	MCAWW 160.2
MW-15/090303 09/03/03 08:45 010				
Arsenic - DISSOLVED	0.013	0.010	mg/L	SW846 6010B
Arsenic	0.021	0.010	mg/L	SW846 6010B
Chromium	0.25	0.0050	mg/L	SW846 6010B
Nickel	0.18	0.040	mg/L	SW846 6010B
Total Suspended Solids	32	4.0	mg/L	MCAWW 160.2

ANALYTICAL METHODS SUMMARY

A3I040194

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Non-Filterable Residue (TSS)	MCAWW 160.2
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Volatile Organics by GC/MS	SW846 8260B

References:

- MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.
- SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

A3I040194

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
FXK69	001	MW-8/090303	09/03/03	15:45
FXK7G	002	MW-24/090303	09/03/03	15:00
FXK7J	003	MW-27/090303	09/03/03	14:07
FXLJ6	004	MW-26A/090303	09/03/03	13:16
FXLJ8	005	MW-26/090303	09/03/03	12:35
FXLJ9	006	MW-15B/090303	09/03/03	08:30
FXLKE	007	MW-18/090303	09/03/03	10:20
FXLKG	008	MW-43A/090303	09/03/03	10:15
FXLKJ	009	P-1/090303	09/03/03	09:25
FXLKK	010	MW-15/090303	09/03/03	08:45
FXLKL	011	DUP01/090303	09/03/03	
FXLKN	012	FB01/090303	09/03/03	14:40
FXLKP	013	TB02/090303	09/03/03	

NOTE(S) :

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

PAYNE FIRM INC.

Client Sample ID: MW-8/090303

GC/MS Volatiles

Lot-Sample #....: A3I040194-001 Work Order #....: FXX691AA Matrix.....: WG
 Date Sampled...: 09/03/03 15:45 Date Received...: 09/04/03
 Prep Date.....: 09/11/03 Analysis Date...: 09/11/03
 Prep Batch #....: 3255166
 Dilution Factor: 11.11 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,2-Dibromo-3-chloropropane (DBCP)	ND	22	ug/L
Trichlorofluoromethane	ND	11	ug/L
Acetonitrile	ND	220	ug/L
Acrolein	ND	220	ug/L
Acrylonitrile	ND	220	ug/L
Chloroprene	ND	22	ug/L
3-Chloropropene	ND	22	ug/L
1,2-Dibromoethane	ND	11	ug/L
Dibromomethane	ND	11	ug/L
trans-1,4-Dichloro-2-butene	ND	11	ug/L
Dichlorofluoromethane	ND	22	ug/L
1,4-Dioxane	ND	2200	ug/L
Ethyl methacrylate	ND	11	ug/L
Iodomethane	ND	11	ug/L
Isobutanol	ND	560	ug/L
Methacrylonitrile	ND	22	ug/L
Methyl methacrylate	ND	22	ug/L
Propionitrile	ND	44	ug/L
1,1,1,2-Tetrachloroethane	ND	11	ug/L
1,2,3-Trichloropropane	ND	11	ug/L
Vinyl acetate	ND	22	ug/L
Chloromethane	ND	11	ug/L
Bromomethane	ND	11	ug/L
Vinyl chloride	160	11	ug/L
Chloroethane	ND	11	ug/L
Methylene chloride	ND	11	ug/L
Acetone	ND	110	ug/L
Carbon disulfide	ND	11	ug/L
1,1-Dichloroethene	ND	11	ug/L
1,1-Dichloroethane	ND	11	ug/L
1,2-Dichloroethene (total)	320	22	ug/L
Chloroform	ND	11	ug/L
1,2-Dichloroethane	ND	11	ug/L
2-Butanone	ND	110	ug/L
1,1,1-Trichloroethane	ND	11	ug/L
Carbon tetrachloride	ND	11	ug/L

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PAYNE FIRM INC.

Client Sample ID: MW-8/090303

GC/MS Volatiles

Lot-Sample #....: A3I040194-001 Work Order #....: FXX691AA Matrix.....: WG

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
Bromodichloromethane	ND	11	ug/L
1,2-Dichloropropane	ND	11	ug/L
cis-1,3-Dichloropropene	ND	11	ug/L
Trichloroethene	ND	11	ug/L
Dibromochloromethane	ND	11	ug/L
1,1,2-Trichloroethane	ND	11	ug/L
Benzene	ND	11	ug/L
trans-1,3-Dichloropropene	ND	11	ug/L
Bromoform	ND	11	ug/L
4-Methyl-2-pentanone	ND	110	ug/L
2-Hexanone	ND	110	ug/L
Tetrachloroethene	ND	11	ug/L
1,1,2,2-Tetrachloroethane	ND	11	ug/L
Toluene	ND	11	ug/L
Chlorobenzene	ND	11	ug/L
Ethylbenzene	ND	11	ug/L
Styrene	ND	11	ug/L
Xylenes (total)	ND	22	ug/L

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Dibromofluoromethane	102	(73 - 122)
1,2-Dichloroethane-d4	97	(61 - 128)
Toluene-d8	95	(76 - 110)
4-Bromofluorobenzene	78	(74 - 116)

PAYNE FIRM INC.

Client Sample ID: MW-8/090303

GC/MS Semivolatiles

Lot-Sample #....: A3I040194-001 Work Order #....: FXX691AC Matrix.....: WG
Date Sampled...: 09/03/03 15:45 Date Received..: 09/04/03
Prep Date.....: 09/04/03 Analysis Date...: 09/30/03
Prep Batch #....: 3247408
Dilution Factor: 1 Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Phenol	ND	10	ug/L
bis(2-Chloroethyl)- ether	ND	10	ug/L
2-Chlorophenol	ND	10	ug/L
1,3-Dichlorobenzene	ND	10	ug/L
1,4-Dichlorobenzene	ND	10	ug/L
1,2-Dichlorobenzene	ND	10	ug/L
2-Methylphenol	ND	10	ug/L
2,2'-oxybis(1-Chloropropane)	ND	10	ug/L
4-Methylphenol	ND	10	ug/L
N-Nitrosodi-n-propyl- amine	ND	10	ug/L
Hexachloroethane	ND	10	ug/L
Nitrobenzene	ND	10	ug/L
Isophorone	ND	10	ug/L
2-Nitrophenol	ND	10	ug/L
2,4-Dimethylphenol	ND	10	ug/L
bis(2-Chloroethoxy) methane	ND	10	ug/L
2,4-Dichlorophenol	ND	10	ug/L
1,2,4-Trichloro- benzene	ND	10	ug/L
Naphthalene	ND	10	ug/L
4-Chloroaniline	ND	10	ug/L
Hexachlorobutadiene	ND	10	ug/L
4-Chloro-3-methylphenol	ND	10	ug/L
2-Methylnaphthalene	ND	10	ug/L
Hexachlorocyclopenta-diene	ND	50	ug/L
2,4,6-Trichloro-phenol	ND	10	ug/L
2,4,5-Trichloro-phenol	ND	10	ug/L
2-Chloronaphthalene	ND	10	ug/L
2-Nitroaniline	ND	50	ug/L
Dimethyl phthalate	ND	10	ug/L
Acenaphthylene	ND	10	ug/L
2,6-Dinitrotoluene	ND	10	ug/L

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: MW-8/090303

GC/MS Semivolatiles

Lot-Sample #....: A3I040194-001 Work Order #....: FXX691AC Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
3-Nitroaniline	ND	50	ug/L
Acenaphthene	ND	10	ug/L
2,4-Dinitrophenol	ND	50	ug/L
4-Nitrophenol	ND	50	ug/L
Dibenzofuran	ND	10	ug/L
2,4-Dinitrotoluene	ND	10	ug/L
Diethyl phthalate	ND	10	ug/L
4-Chlorophenyl phenyl ether	ND	10	ug/L
Fluorene	ND	10	ug/L
4-Nitroaniline	ND	50	ug/L
4,6-Dinitro-2-methylphenol	ND	50	ug/L
N-Nitrosodiphenylamine	ND	10	ug/L
4-Bromophenyl phenyl ether	ND	10	ug/L
Hexachlorobenzene	ND	10	ug/L
Pentachlorophenol	ND	10	ug/L
Phenanthrene	ND	10	ug/L
Anthracene	ND	10	ug/L
Carbazole	ND	10	ug/L
Di-n-butyl phthalate	ND	10	ug/L
Fluoranthene	ND	10	ug/L
Pyrene	ND	10	ug/L
Butyl benzyl phthalate	ND	10	ug/L
3,3'-Dichlorobenzidine	ND	50	ug/L
Benzo(a)anthracene	ND	10	ug/L
Chrysene	ND	10	ug/L
bis(2-Ethylhexyl) phthalate	ND	10	ug/L
Di-n-octyl phthalate	ND	10	ug/L
Benzo(b)fluoranthene	ND	10	ug/L
Benzo(k)fluoranthene	ND	10	ug/L
Benzo(a)pyrene	ND	10	ug/L
Indeno(1,2,3-cd)pyrene	ND	10	ug/L
Dibenz(a,h)anthracene	ND	10	ug/L
Benzo(ghi)perylene	ND	10	ug/L
Acetophenone	ND	10	ug/L
2-Acetylaminofluorene	ND	100	ug/L
4-Aminobiphenyl	ND	50	ug/L
Aniline	ND	10	ug/L
Benzyl alcohol	ND	10	ug/L
p-Chlorobenzilate	ND	10	ug/L

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PAYNE FIRM INC.

Client Sample ID: MW-8/090303

GC/MS Semivolatiles

Lot-Sample #....: A3I040194-001 Work Order #....: FXK691AC Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Diallate	ND	20	ug/L
2,6-Dichlorophenol	ND	10	ug/L
Dimethoate	ND	20	ug/L
p-Dimethylaminoazobenzene	ND	20	ug/L
7,12-Dimethylbenz(a)-anthracene	ND	20	ug/L
3,3'-Dimethylbenzidine	ND	50	ug/L
alpha,alpha-Dimethylphenethylamine	ND	50	ug/L
1,3-Dinitrobenzene	ND	10	ug/L
Diphenylamine	ND	10	ug/L
Ethyl methanesulfonate	ND	10	ug/L
Hexachloropropene	ND	100	ug/L
Isosafrole	ND	20	ug/L
Methapyrilene	ND	50	ug/L
o-Toluidine	ND	20	ug/L
3-Methylcholanthrene	ND	20	ug/L
Methyl methanesulfonate	ND	10	ug/L
3-Methylphenol	ND	10	ug/L
1,4-Naphthoquinone	ND	50	ug/L
1-Naphthylamine	ND	10	ug/L
2-Naphthylamine	ND	10	ug/L
4-Nitroquinoline-1-oxide	ND	100	ug/L
N-Nitrosodi-n-butylamine	ND	10	ug/L
N-Nitrosodiethylamine	ND	10	ug/L
N-Nitrosodimethylamine	ND	10	ug/L
N-Nitrosomethylethyamine	ND	10	ug/L
N-Nitrosomorpholine	ND	10	ug/L
N-Nitrosopiperidine	ND	10	ug/L
N-Nitrosopyrrolidine	ND	10	ug/L
5-Nitro-o-toluidine	ND	20	ug/L
Pentachlorobenzene	ND	10	ug/L
Pentachloroethane	ND	50	ug/L
Pentachloronitrobenzene	ND	50	ug/L
Phenacetin	ND	20	ug/L
p-Phenylenediamine	ND	100	ug/L
2-Picoline	ND	20	ug/L
Pronamide	ND	20	ug/L
Pyridine	ND	20	ug/L
Safrole	ND	20	ug/L
1,2,4,5-Tetrachlorobenzene	ND	10	ug/L

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PAYNE FIRM INC.

Client Sample ID: MW-8/090303

GC/MS Semivolatiles

Lot-Sample #....: A3I040194-001 Work Order #....: FXX691AC Matrix.....: WG

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
2,3,4,6-Tetrachlorophenol	ND	50	ug/L
1,3,5-Trinitrobenzene	ND	50	ug/L
Aramite	ND	10	ug/L
<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	
Nitrobenzene-d5	76	(32 - 112)	
2-Fluorobiphenyl	57	(30 - 110)	
Terphenyl-d14	60	(10 - 144)	
Phenol-d5	59	(10 - 113)	
2-Fluorophenol	56	(13 - 110)	
2,4,6-Tribromophenol	64	(21 - 122)	

PAYNE FIRM INC.

Client Sample ID: MW-24/090303

GC/MS Volatiles

Lot-Sample #....: A3I040194-002 Work Order #....: FXX7G1AA Matrix.....: WG
 Date Sampled....: 09/03/03 15:00 Date Received...: 09/04/03
 Prep Date.....: 09/11/03 Analysis Date...: 09/11/03
 Prep Batch #....: 3255166
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
Acetonitrile	ND	20	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Chloroprene	ND	2.0	ug/L
3-Chloropropene	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
trans-1,4-Dichloro-2-butene	ND	1.0	ug/L
Dichlorofluoromethane	ND	2.0	ug/L
1,4-Dioxane	ND	200	ug/L
Ethyl methacrylate	ND	1.0	ug/L
Iodomethane	ND	1.0	ug/L
Isobutanol	ND	50	ug/L
Methacrylonitrile	ND	2.0	ug/L
Methyl methacrylate	ND	2.0	ug/L
Propionitrile	ND	4.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
Vinyl acetate	ND	2.0	ug/L
Chloromethane	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
Acetone	ND	10	ug/L
Carbon disulfide	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethene (total)	ND	2.0	ug/L
Chloroform	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
2-Butanone	ND	10	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: MW-24/090303

GC/MS Volatiles

Lot-Sample #....: A3I040194-002 Work Order #....: FXX7G1AA Matrix.....: WG

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
Bromodichloromethane	ND	1.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Benzene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	10	ug/L
2-Hexanone	ND	10	ug/L
Tetrachloroethene	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
Xylenes (total)	ND	2.0	ug/L

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Dibromofluoromethane	108	(73 - 122)
1,2-Dichloroethane-d4	104	(61 - 128)
Toluene-d8	94	(76 - 110)
4-Bromofluorobenzene	75	(74 - 116)

PAYNE FIRM INC.

Client Sample ID: MW-24/090303

GC/MS Semivolatiles

Lot-Sample #....: A3I040194-002 Work Order #....: FXX7G1AC Matrix.....: WG
 Date Sampled....: 09/03/03 15:00 Date Received...: 09/04/03
 Prep Date.....: 09/04/03 Analysis Date...: 09/08/03
 Prep Batch #....: 3247408
 Dilution Factor: 1 Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Phenol	ND	10	ug/L
bis(2-Chloroethyl)- ether	ND	10	ug/L
2-Chlorophenol	ND	10	ug/L
1,3-Dichlorobenzene	ND	10	ug/L
1,4-Dichlorobenzene	ND	10	ug/L
1,2-Dichlorobenzene	ND	10	ug/L
2-Methylphenol	ND	10	ug/L
2,2'-oxybis(1-Chloropropane)	ND	10	ug/L
4-Methylphenol	ND	10	ug/L
N-Nitrosodi-n-propyl- amine	ND	10	ug/L
Hexachloroethane	ND	10	ug/L
Nitrobenzene	ND	10	ug/L
Isophorone	ND	10	ug/L
2-Nitrophenol	ND	10	ug/L
2,4-Dimethylphenol	ND	10	ug/L
bis(2-Chloroethoxy) methane	ND	10	ug/L
2,4-Dichlorophenol	ND	10	ug/L
1,2,4-Trichlorobenzene	ND	10	ug/L
Naphthalene	ND	10	ug/L
4-Chloroaniline	ND	10	ug/L
Hexachlorobutadiene	ND	10	ug/L
4-Chloro-3-methylphenol	ND	10	ug/L
2-Methylnaphthalene	ND	10	ug/L
Hexachlorocyclopentadiene	ND	50	ug/L
2,4,6-Trichlorophenol	ND	10	ug/L
2,4,5-Trichlorophenol	ND	10	ug/L
2-Chloronaphthalene	ND	10	ug/L
2-Nitroaniline	ND	50	ug/L
Dimethyl phthalate	ND	10	ug/L
Acenaphthylene	ND	10	ug/L
2,6-Dinitrotoluene	ND	10	ug/L

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: MW-24/090303

GC/MS Semivolatiles

Lot-Sample #....: A3I040194-002 Work Order #....: FXK7G1AC Matrix.....: WG

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
3-Nitroaniline	ND	50	ug/L
Acenaphthene	ND	10	ug/L
2,4-Dinitrophenol	ND	50	ug/L
4-Nitrophenol	ND	50	ug/L
Dibenzofuran	ND	10	ug/L
2,4-Dinitrotoluene	ND	10	ug/L
Diethyl phthalate	ND	10	ug/L
4-Chlorophenyl phenyl ether	ND	10	ug/L
Fluorene	ND	10	ug/L
4-Nitroaniline	ND	50	ug/L
4,6-Dinitro-2-methylphenol	ND	50	ug/L
N-Nitrosodiphenylamine	ND	10	ug/L
4-Bromophenyl phenyl ether	ND	10	ug/L
Hexachlorobenzene	ND	10	ug/L
Pentachlorophenol	ND	10	ug/L
Phenanthrene	ND	10	ug/L
Anthracene	ND	10	ug/L
Carbazole	ND	10	ug/L
Di-n-butyl phthalate	ND	10	ug/L
Fluoranthene	ND	10	ug/L
Pyrene	ND	10	ug/L
Butyl benzyl phthalate	ND	10	ug/L
3,3'-Dichlorobenzidine	ND	50	ug/L
Benzo(a)anthracene	ND	10	ug/L
Chrysene	ND	10	ug/L
bis(2-Ethylhexyl) phthalate	ND	10	ug/L
Di-n-octyl phthalate	ND	10	ug/L
Benzo(b)fluoranthene	ND	10	ug/L
Benzo(k)fluoranthene	ND	10	ug/L
Benzo(a)pyrene	ND	10	ug/L
Indeno(1,2,3-cd)pyrene	ND	10	ug/L
Dibenz(a,h)anthracene	ND	10	ug/L
Benzo(ghi)perylene	ND	10	ug/L

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Nitrobenzene-d5	61	(32 - 112)
2-Fluorobiphenyl	49	(30 - 110)
Terphenyl-d14	73	(10 - 144)
Phenol-d5	56	(10 - 113)
2-Fluorophenol	59	(13 - 110)
2,4,6-Tribromophenol	68	(21 - 122)

PAYNE FIRM INC.

Client Sample ID: MW-27/090303

GC/MS Volatiles

Lot-Sample #....: A3I040194-003 Work Order #....: FXK7J1AA Matrix.....: WG
 Date Sampled....: 09/03/03 14:07 Date Received...: 09/04/03
 Prep Date.....: 09/11/03 Analysis Date...: 09/11/03
 Prep Batch #....: 3255166
 Dilution Factor: 500 Method.....: SW846 8260B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
1,2-Dibromo-3-chloropropane (DBCP)	ND	1000	ug/L
Trichlorofluoromethane	ND	500	ug/L
Acetonitrile	ND	10000	ug/L
Acrolein	ND	10000	ug/L
Acrylonitrile	ND	10000	ug/L
Chloroprene	ND	1000	ug/L
3-Chloropropene	ND	1000	ug/L
1,2-Dibromoethane	ND	500	ug/L
Dibromomethane	ND	500	ug/L
trans-1,4-Dichloro-2-butene	ND	500	ug/L
Dichlorofluoromethane	ND	1000	ug/L
1,4-Dioxane	ND	100000	ug/L
Ethyl methacrylate	ND	500	ug/L
Iodomethane	ND	500	ug/L
Isobutanol	ND	25000	ug/L
Methacrylonitrile	ND	1000	ug/L
Methyl methacrylate	ND	1000	ug/L
Propionitrile	ND	2000	ug/L
1,1,1,2-Tetrachloroethane	ND	500	ug/L
1,2,3-Trichloropropane	ND	500	ug/L
Vinyl acetate	ND	1000	ug/L
Chloromethane	ND	500	ug/L
Bromomethane	ND	500	ug/L
Vinyl chloride	880	500	ug/L
Chloroethane	ND	500	ug/L
Methylene chloride	ND	500	ug/L
Acetone	ND	5000	ug/L
Carbon disulfide	ND	500	ug/L
1,1-Dichloroethene	ND	500	ug/L
1,1-Dichloroethane	ND	500	ug/L
1,2-Dichloroethene (total)	4900	1000	ug/L
Chloroform	ND	500	ug/L
1,2-Dichloroethane	510	500	ug/L
2-Butanone	ND	5000	ug/L
1,1,1-Trichloroethane	ND	500	ug/L
Carbon tetrachloride	ND	500	ug/L

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: MW-27/090303

GC/MS Volatiles

Lot-Sample #....: A3I040194-003 Work Order #....: FXK7J1AA Matrix.....: WG

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
Bromodichloromethane	ND	500	ug/L
1,2-Dichloropropane	ND	500	ug/L
cis-1,3-Dichloropropene	ND	500	ug/L
Trichloroethene	14000	500	ug/L
Dibromochloromethane	ND	500	ug/L
1,1,2-Trichloroethane	ND	500	ug/L
Benzene	ND	500	ug/L
trans-1,3-Dichloropropene	ND	500	ug/L
Bromoform	ND	500	ug/L
4-Methyl-2-pentanone	ND	5000	ug/L
2-Hexanone	ND	5000	ug/L
Tetrachloroethene	ND	500	ug/L
1,1,2,2-Tetrachloroethane	ND	500	ug/L
Toluene	ND	500	ug/L
Chlorobenzene	ND	500	ug/L
Ethylbenzene	ND	500	ug/L
Styrene	ND	500	ug/L
Xylenes (total)	ND	1000	ug/L

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Dibromofluoromethane	105	(73 - 122)
1,2-Dichloroethane-d4	102	(61 - 128)
Toluene-d8	96	(76 - 110)
4-Bromofluorobenzene	74	(74 - 116)

PAYNE FIRM INC.

Client Sample ID: MW-27/090303

GC/MS Semivolatiles

Lot-Sample #....: A3I040194-003 Work Order #....: FXXK7J1AC Matrix.....: WG
 Date Sampled....: 09/03/03 14:07 Date Received...: 09/04/03
 Prep Date.....: 09/04/03 Analysis Date...: 09/08/03
 Prep Batch #....: 3247408
 Dilution Factor: 1 Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Phenol	ND	10	ug/L
bis(2-Chloroethyl)- ether	ND	10	ug/L
2-Chlorophenol	ND	10	ug/L
1,3-Dichlorobenzene	ND	10	ug/L
1,4-Dichlorobenzene	ND	10	ug/L
1,2-Dichlorobenzene	ND	10	ug/L
2-Methylphenol	ND	10	ug/L
2,2'-oxybis(1-Chloropropane)	ND	10	ug/L
4-Methylphenol	ND	10	ug/L
N-Nitrosodi-n-propyl- amine	ND	10	ug/L
Hexachloroethane	ND	10	ug/L
Nitrobenzene	ND	10	ug/L
Isophorone	ND	10	ug/L
2-Nitrophenol	ND	10	ug/L
2,4-Dimethylphenol	ND	10	ug/L
bis(2-Chloroethoxy) methane	ND	10	ug/L
2,4-Dichlorophenol	ND	10	ug/L
1,2,4-Trichloro- benzene	ND	10	ug/L
Naphthalene	ND	10	ug/L
4-Chloroaniline	ND	10	ug/L
Hexachlorobutadiene	ND	10	ug/L
4-Chloro-3-methylphenol	ND	10	ug/L
2-Methylnaphthalene	ND	10	ug/L
Hexachlorocyclopenta- diene	ND	50	ug/L
2,4,6-Trichloro- phenol	ND	10	ug/L
2,4,5-Trichloro- phenol	ND	10	ug/L
2-Chloronaphthalene	ND	10	ug/L
2-Nitroaniline	ND	50	ug/L
Dimethyl phthalate	ND	10	ug/L
Acenaphthylene	ND	10	ug/L
2,6-Dinitrotoluene	ND	10	ug/L

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: MW-27/090303

GC/MS Semivolatiles

Lot-Sample #....: A3I040194-003 Work Order #....: FXX7J1AC Matrix.....: WG

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>	
		<u>LIMIT</u>	<u>UNITS</u>
3-Nitroaniline	ND	50	ug/L
Acenaphthene	ND	10	ug/L
2,4-Dinitrophenol	ND	50	ug/L
4-Nitrophenol	ND	50	ug/L
Dibenzofuran	ND	10	ug/L
2,4-Dinitrotoluene	ND	10	ug/L
Diethyl phthalate	ND	10	ug/L
4-Chlorophenyl phenyl ether	ND	10	ug/L
Fluorene	ND	10	ug/L
4-Nitroaniline	ND	50	ug/L
4,6-Dinitro-2-methylphenol	ND	50	ug/L
N-Nitrosodiphenylamine	ND	10	ug/L
4-Bromophenyl phenyl ether	ND	10	ug/L
Hexachlorobenzene	ND	10	ug/L
Pentachlorophenol	ND	10	ug/L
Phenanthrene	ND	10	ug/L
Anthracene	ND	10	ug/L
Carbazole	ND	10	ug/L
Di-n-butyl phthalate	ND	10	ug/L
Fluoranthene	ND	10	ug/L
Pyrene	ND	10	ug/L
Butyl benzyl phthalate	ND	10	ug/L
3,3'-Dichlorobenzidine	ND	50	ug/L
Benzo(a)anthracene	ND	10	ug/L
Chrysene	ND	10	ug/L
bis(2-Ethylhexyl) phthalate	ND	10	ug/L
Di-n-octyl phthalate	ND	10	ug/L
Benzo(b)fluoranthene	ND	10	ug/L
Benzo(k)fluoranthene	ND	10	ug/L
Benzo(a)pyrene	ND	10	ug/L
Indeno(1,2,3-cd)pyrene	ND	10	ug/L
Dibenz(a,h)anthracene	ND	10	ug/L
Benzo(ghi)perylene	ND	10	ug/L

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY</u>	
		<u>LIMITS</u>	
Nitrobenzene-d5	67	(32	- 112)
2-Fluorobiphenyl	56	(30	- 110)
Terphenyl-d14	87	(10	- 144)
Phenol-d5	62	(10	- 113)
2-Fluorophenol	65	(13	- 110)
2,4,6-Tribromophenol	74	(21	- 122)

PAYNE FIRM INC.

Client Sample ID: MW-27/090303

TOTAL Metals

Lot-Sample #....: A3I040194-003 **Matrix.....:** WG
Date Sampled....: 09/03/03 14:07 **Date Received..:** 09/04/03

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
Prep Batch #....: 3248129							
Arsenic	ND	0.010	mg/L	Dilution Factor: 1	SW846 6010B	09/05-09/08/03	FXK7J1AG
Chromium	0.0068	0.0050	mg/L	Dilution Factor: 1	SW846 6010B	09/05-09/08/03	FXK7J1AH
Nickel	ND	0.040	mg/L	Dilution Factor: 1	SW846 6010B	09/05-09/08/03	FXK7J1AJ

PAYNE FIRM INC.

Client Sample ID: MW-27/090303

DISSOLVED Metals

Lot-Sample #....: A3I040194-003
Date Sampled...: 09/03/03 14:07 Date Received..: 09/04/03 Matrix.....: WG

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Prep Batch #....: 3248129						
Arsenic	ND	0.010	mg/L	SW846 6010B	09/05-09/08/03	FXK7J1AD
		Dilution Factor:	1			
Chromium	ND	0.0050	mg/L	SW846 6010B	09/05-09/08/03	FXK7J1AE
		Dilution Factor:	1			
Nickel	ND	0.040	mg/L	SW846 6010B	09/05-09/08/03	FXK7J1AF
		Dilution Factor:	1			

PAYNE FIRM INC.

Client Sample ID: MW-27/090303

General Chemistry

Lot-Sample #....: A3I040194-003 Work Order #....: FXXK7J Matrix.....: WG
Date Sampled....: 09/03/03 14:07 Date Received...: 09/04/03

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-	PREP
					ANALYSIS DATE	BATCH #
Total Suspended Solids	38	4.0	mg/L	MCANW 160.2	09/10/03	3252699

Dilution Factor: 1

PAYNE FIRM INC.

Client Sample ID: MW-26A/090303

GC/MS Volatiles

Lot-Sample #....: A3I040194-004 Work Order #....: FXLJ61AA Matrix.....: WG
 Date Sampled....: 09/03/03 13:16 Date Received...: 09/04/03
 Prep Date.....: 09/11/03 Analysis Date...: 09/11/03
 Prep Batch #....: 3255166
 Dilution Factor: 4 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,2-Dibromo-3-chloropropane (DBCP)	ND	8.0	ug/L
Trichlorofluoromethane	ND	4.0	ug/L
Acetonitrile	ND	80	ug/L
Acrolein	ND	80	ug/L
Acrylonitrile	ND	80	ug/L
Chloroprene	ND	8.0	ug/L
3-Chloropropene	ND	8.0	ug/L
1,2-Dibromoethane	ND	4.0	ug/L
Dibromomethane	ND	4.0	ug/L
trans-1,4-Dichloro-2-butene	ND	4.0	ug/L
Dichlorofluoromethane	ND	8.0	ug/L
1,4-Dioxane	ND	800	ug/L
Ethyl methacrylate	ND	4.0	ug/L
Iodomethane	ND	4.0	ug/L
Isobutanol	ND	200	ug/L
Methacrylonitrile	ND	8.0	ug/L
Methyl methacrylate	ND	8.0	ug/L
Propionitrile	ND	16	ug/L
1,1,1,2-Tetrachloroethane	ND	4.0	ug/L
1,2,3-Trichloropropane	ND	4.0	ug/L
Vinyl acetate	ND	8.0	ug/L
Chloromethane	ND	4.0	ug/L
Bromomethane	ND	4.0	ug/L
Vinyl chloride	ND	4.0	ug/L
Chloroethane	ND	4.0	ug/L
Methylene chloride	ND	4.0	ug/L
Acetone	ND	40	ug/L
Carbon disulfide	ND	4.0	ug/L
1,1-Dichloroethene	ND	4.0	ug/L
1,1-Dichloroethane	ND	4.0	ug/L
1,2-Dichloroethene (total)	35	8.0	ug/L
Chloroform	ND	4.0	ug/L
1,2-Dichloroethane	ND	4.0	ug/L
2-Butanone	ND	40	ug/L
1,1,1-Trichloroethane	ND	4.0	ug/L
Carbon tetrachloride	ND	4.0	ug/L

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PAYNE FIRM INC.

Client Sample ID: MW-26A/090303

GC/MS Volatiles

Lot-Sample #....: A3I040194-004 Work Order #....: FXLJ61AA Matrix.....: WG

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
Bromodichloromethane	ND	4.0	ug/L
1,2-Dichloropropane	ND	4.0	ug/L
cis-1,3-Dichloropropene	ND	4.0	ug/L
Trichloroethene	110	4.0	ug/L
Dibromochloromethane	ND	4.0	ug/L
1,1,2-Trichloroethane	ND	4.0	ug/L
Benzene	ND	4.0	ug/L
trans-1,3-Dichloropropene	ND	4.0	ug/L
Bromoform	ND	4.0	ug/L
4-Methyl-2-pentanone	ND	40	ug/L
2-Hexanone	ND	40	ug/L
Tetrachloroethene	ND	4.0	ug/L
1,1,2,2-Tetrachloroethane	ND	4.0	ug/L
Toluene	ND	4.0	ug/L
Chlorobenzene	ND	4.0	ug/L
Ethylbenzene	ND	4.0	ug/L
Styrene	ND	4.0	ug/L
Xylenes (total)	ND	8.0	ug/L

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Dibromofluoromethane	102	(73 - 122)
1,2-Dichloroethane-d4	98	(61 - 128)
Toluene-d8	98	(76 - 110)
4-Bromofluorobenzene	77	(74 - 116)

PAYNE FIRM INC.

Client Sample ID: MW-26A/090303

GC/MS Semivolatiles

Lot-Sample #....: A3I040194-004 Work Order #....: FXLJ61AC Matrix.....: WG
 Date Sampled....: 09/03/03 13:16 Date Received...: 09/04/03
 Prep Date.....: 09/04/03 Analysis Date...: 09/08/03
 Prep Batch #....: 3247408
 Dilution Factor: 1 Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Phenol	ND	10	ug/L
bis(2-Chloroethyl)- ether	ND	10	ug/L
2-Chlorophenol	ND	10	ug/L
1,3-Dichlorobenzene	ND	10	ug/L
1,4-Dichlorobenzene	ND	10	ug/L
1,2-Dichlorobenzene	ND	10	ug/L
2-Methylphenol	ND	10	ug/L
2,2'-oxybis(1-Chloro- propane)	ND	10	ug/L
4-Methylphenol	ND	10	ug/L
N-Nitrosodi-n-propyl- amine	ND	10	ug/L
Hexachloroethane	ND	10	ug/L
Nitrobenzene	ND	10	ug/L
Isophorone	ND	10	ug/L
2-Nitrophenol	ND	10	ug/L
2,4-Dimethylphenol	ND	10	ug/L
bis(2-Chloroethoxy) methane	ND	10	ug/L
2,4-Dichlorophenol	ND	10	ug/L
1,2,4-Trichloro- benzene	ND	10	ug/L
Naphthalene	ND	10	ug/L
4-Chloroaniline	ND	10	ug/L
Hexachlorobutadiene	ND	10	ug/L
4-Chloro-3-methylphenol	ND	10	ug/L
2-Methylnaphthalene	ND	10	ug/L
Hexachlorocyclopenta- diene	ND	50	ug/L
2,4,6-Trichloro- phenol	ND	10	ug/L
2,4,5-Trichloro- phenol	ND	10	ug/L
2-Chloronaphthalene	ND	10	ug/L
2-Nitroaniline	ND	50	ug/L
Dimethyl phthalate	ND	10	ug/L
Acenaphthylene	ND	10	ug/L
2,6-Dinitrotoluene	ND	10	ug/L

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: MW-26A/090303

GC/MS Semivolatiles

Lot-Sample #....: A3I040194-004 Work Order #....: FXLJ61AC Matrix.....: WG

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
3-Nitroaniline	ND	50	ug/L
Acenaphthene	ND	10	ug/L
2,4-Dinitrophenol	ND	50	ug/L
4-Nitrophenol	ND	50	ug/L
Dibenzofuran	ND	10	ug/L
2,4-Dinitrotoluene	ND	10	ug/L
Diethyl phthalate	ND	10	ug/L
4-Chlorophenyl phenyl ether	ND	10	ug/L
Fluorene	ND	10	ug/L
4-Nitroaniline	ND	50	ug/L
4,6-Dinitro- 2-methylphenol	ND	50	ug/L
N-Nitrosodiphenylamine	ND	10	ug/L
4-Bromophenyl phenyl ether	ND	10	ug/L
Hexachlorobenzene	ND	10	ug/L
Pentachlorophenol	ND	10	ug/L
Phenanthrene	ND	10	ug/L
Anthracene	ND	10	ug/L
Carbazole	ND	10	ug/L
Di-n-butyl phthalate	ND	10	ug/L
Fluoranthene	ND	10	ug/L
Pyrene	ND	10	ug/L
Butyl benzyl phthalate	ND	10	ug/L
3,3'-Dichlorobenzidine	ND	50	ug/L
Benzo(a)anthracene	ND	10	ug/L
Chrysene	ND	10	ug/L
bis(2-Ethylhexyl) phthalate	ND	10	ug/L
Di-n-octyl phthalate	ND	10	ug/L
Benzo(b)fluoranthene	ND	10	ug/L
Benzo(k)fluoranthene	ND	10	ug/L
Benzo(a)pyrene	ND	10	ug/L
Indeno(1,2,3-cd)pyrene	ND	10	ug/L
Dibenz(a,h)anthracene	ND	10	ug/L
Benzo(ghi)perylene	ND	10	ug/L

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Nitrobenzene-d5	66	(32 - 112)
2-Fluorobiphenyl	57	(30 - 110)
Terphenyl-d14	82	(10 - 144)
Phenol-d5	60	(10 - 113)
2-Fluorophenol	65	(13 - 110)
2,4,6-Tribromophenol	71	(21 - 122)

PAYNE FIRM INC.

Client Sample ID: MW-26/090303

GC/MS Volatiles

Lot-Sample #....: A3I040194-005 Work Order #....: FXLJ81AA Matrix.....: WG
 Date Sampled....: 09/03/03 12:35 Date Received...: 09/04/03
 Prep Date.....: 09/11/03 Analysis Date...: 09/11/03
 Prep Batch #....: 3255166
 Dilution Factor: 1 Method.....: SW846 8260B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
Acetonitrile	ND	20	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Chloroprene	ND	2.0	ug/L
3-Chloropropene	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
trans-1,4-Dichloro-2-butene	ND	1.0	ug/L
Dichlorofluoromethane	ND	2.0	ug/L
1,4-Dioxane	ND	200	ug/L
Ethyl methacrylate	ND	1.0	ug/L
Iodomethane	ND	1.0	ug/L
Isobutanol	ND	50	ug/L
Methacrylonitrile	ND	2.0	ug/L
Methyl methacrylate	ND	2.0	ug/L
Propionitrile	ND	4.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
Vinyl acetate	ND	2.0	ug/L
Chloromethane	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
Acetone	ND	10	ug/L
Carbon disulfide	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethene (total)	ND	2.0	ug/L
Chloroform	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
2-Butanone	ND	10	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: MW-26/090303

GC/MS Volatiles

Lot-Sample #....: A3I040194-005 Work Order #....: FXLJ81AA Matrix.....: WG

PARAMETER	RESULT	REPORTING	
		LIMIT	UNITS
Bromodichloromethane	ND	1.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Benzene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	10	ug/L
2-Hexanone	ND	10	ug/L
Tetrachloroethene	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
Xylenes (total)	ND	2.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY	
		LIMITS	
Dibromofluoromethane	110	(73	- 122)
1,2-Dichloroethane-d4	103	(61	- 128)
Toluene-d8	95	(76	- 110)
4-Bromofluorobenzene	76	(74	- 116)

PAYNE FIRM INC.

Client Sample ID: MW-26/090303

GC/MS Semivolatiles

Lot-Sample #....: A3I040194-005 Work Order #....: FXLJ81AC Matrix.....: WG
 Date Sampled....: 09/03/03 12:35 Date Received...: 09/04/03
 Prep Date.....: 09/04/03 Analysis Date...: 09/08/03
 Prep Batch #....: 3247408
 Dilution Factor: 1 Method.....: SW846 8270C

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>	
		<u>LIMIT</u>	<u>UNITS</u>
Phenol	ND	10	ug/L
bis(2-Chloroethyl)-ether	ND	10	ug/L
2-Chlorophenol	ND	10	ug/L
1,3-Dichlorobenzene	ND	10	ug/L
1,4-Dichlorobenzene	ND	10	ug/L
1,2-Dichlorobenzene	ND	10	ug/L
2-Methylphenol	ND	10	ug/L
2,2'-oxybis(1-Chloropropane)	ND	10	ug/L
4-Methylphenol	ND	10	ug/L
N-Nitrosodi-n-propyl-amine	ND	10	ug/L
Hexachloroethane	ND	10	ug/L
Nitrobenzene	ND	10	ug/L
Isophorone	ND	10	ug/L
2-Nitrophenol	ND	10	ug/L
2,4-Dimethylphenol	ND	10	ug/L
bis(2-Chloroethoxy)methane	ND	10	ug/L
2,4-Dichlorophenol	ND	10	ug/L
1,2,4-Trichlorobenzene	ND	10	ug/L
Naphthalene	ND	10	ug/L
4-Chloroaniline	ND	10	ug/L
Hexachlorobutadiene	ND	10	ug/L
4-Chloro-3-methylphenol	ND	10	ug/L
2-Methylnaphthalene	ND	10	ug/L
Hexachlorocyclopentadiene	ND	50	ug/L
2,4,6-Trichlorophenol	ND	10	ug/L
2,4,5-Trichlorophenol	ND	10	ug/L
2-Chloronaphthalene	ND	10	ug/L
2-Nitroaniline	ND	50	ug/L
Dimethyl phthalate	ND	10	ug/L
Acenaphthylene	ND	10	ug/L
2,6-Dinitrotoluene	ND	10	ug/L

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: MW-26/090303

GC/MS Semivolatiles

Lot-Sample #....: A3I040194-005 Work Order #....: FXLJ81AC Matrix.....: WG

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
3-Nitroaniline	ND	50	ug/L
Acenaphthene	ND	10	ug/L
2,4-Dinitrophenol	ND	50	ug/L
4-Nitrophenol	ND	50	ug/L
Dibenzofuran	ND	10	ug/L
2,4-Dinitrotoluene	ND	10	ug/L
Diethyl phthalate	ND	10	ug/L
4-Chlorophenyl phenyl ether	ND	10	ug/L
Fluorene	ND	10	ug/L
4-Nitroaniline	ND	50	ug/L
4,6-Dinitro-2-methylphenol	ND	50	ug/L
N-Nitrosodiphenylamine	ND	10	ug/L
4-Bromophenyl phenyl ether	ND	10	ug/L
Hexachlorobenzene	ND	10	ug/L
Pentachlorophenol	ND	10	ug/L
Phenanthrene	ND	10	ug/L
Anthracene	ND	10	ug/L
Carbazole	ND	10	ug/L
Di-n-butyl phthalate	ND	10	ug/L
Fluoranthene	ND	10	ug/L
Pyrene	ND	10	ug/L
Butyl benzyl phthalate	ND	10	ug/L
3,3'-Dichlorobenzidine	ND	50	ug/L
Benzo(a)anthracene	ND	10	ug/L
Chrysene	ND	10	ug/L
bis(2-Ethylhexyl) phthalate	ND	10	ug/L
Di-n-octyl phthalate	ND	10	ug/L
Benzo(b)fluoranthene	ND	10	ug/L
Benzo(k)fluoranthene	ND	10	ug/L
Benzo(a)pyrene	ND	10	ug/L
Indeno(1,2,3-cd)pyrene	ND	10	ug/L
Dibenz(a,h)anthracene	ND	10	ug/L
Benzo(ghi)perylene	ND	10	ug/L

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Nitrobenzene-d5	53	(32 - 112)
2-Fluorobiphenyl	44	(30 - 110)
Terphenyl-d14	80	(10 - 144)
Phenol-d5	49	(10 - 113)
2-Fluorophenol	53	(13 - 110)
2,4,6-Tribromophenol	58	(21 - 122)

PAYNE FIRM INC.

Client Sample ID: MW-15B/090303

GC/MS Volatiles

Lot-Sample #....: A3I040194-006 Work Order #....: FXLJ91AA Matrix.....: WG
 Date Sampled....: 09/03/03 08:30 Date Received...: 09/04/03
 Prep Date.....: 09/12/03 Analysis Date...: 09/12/03
 Prep Batch #....: 3258449
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chloromethane	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
Acetone	ND	10	ug/L
Carbon disulfide	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethene (total)	ND	2.0	ug/L
Chloroform	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
2-Butanone	ND	10	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Benzene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	10	ug/L
2-Hexanone	ND	10	ug/L
Tetrachloroethene	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
Xylenes (total)	ND	2.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
Acetonitrile	ND	20	ug/L
Acrolein	ND	20	ug/L

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: MW-15B/090303

GC/MS Volatiles

Lot-Sample #....: A3I040194-006 Work Order #....: FXLJ91AA Matrix.....: WG

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
Acrylonitrile	ND	20	ug/L
Chloroprene	ND	2.0	ug/L
3-Chloropropene	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
trans-1,4-Dichloro- 2-butene	ND	1.0	ug/L
Dichlorofluoromethane	ND	2.0	ug/L
1,4-Dioxane	ND	200	ug/L
Ethyl methacrylate	ND	1.0	ug/L
Iodomethane	ND	1.0	ug/L
Isobutanol	ND	50	ug/L
Methacrylonitrile	ND	2.0	ug/L
Methyl methacrylate	ND	2.0	ug/L
Propionitrile	ND	4.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
Vinyl acetate	ND	2.0	ug/L

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Dibromofluoromethane	115	(73 - 122)
1,2-Dichloroethane-d4	98	(61 - 128)
Toluene-d8	90	(76 - 110)
4-Bromofluorobenzene	81	(74 - 116)

PAYNE FIRM INC.

Client Sample ID: MW-15B/090303

GC/MS Semivolatiles

Lot-Sample #....: A3I040194-006 Work Order #....: FXLJ91AC Matrix.....: WG
 Date Sampled...: 09/03/03 08:30 Date Received..: 09/04/03
 Prep Date.....: 09/04/03 Analysis Date...: 09/08/03
 Prep Batch #....: 3247408
 Dilution Factor: 1 Method.....: SW846 8270C

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
Phenol	ND	10	ug/L
bis(2-Chloroethyl) - ether	ND	10	ug/L
2-Chlorophenol	ND	10	ug/L
1,3-Dichlorobenzene	ND	10	ug/L
1,4-Dichlorobenzene	ND	10	ug/L
1,2-Dichlorobenzene	ND	10	ug/L
2-Methylphenol	ND	10	ug/L
2,2'-oxybis(1-Chloropropane)	ND	10	ug/L
4-Methylphenol	ND	10	ug/L
N-Nitrosodi-n-propyl-amine	ND	10	ug/L
Hexachloroethane	ND	10	ug/L
Nitrobenzene	ND	10	ug/L
Isophorone	ND	10	ug/L
2-Nitrophenol	ND	10	ug/L
2,4-Dimethylphenol	ND	10	ug/L
bis(2-Chloroethoxy) methane	ND	10	ug/L
2,4-Dichlorophenol	ND	10	ug/L
1,2,4-Trichlorobenzene	ND	10	ug/L
Naphthalene	ND	10	ug/L
4-Chloroaniline	ND	10	ug/L
Hexachlorobutadiene	ND	10	ug/L
4-Chloro-3-methylphenol	ND	10	ug/L
2-Methylnaphthalene	ND	10	ug/L
Hexachlorocyclopentadiene	ND	50	ug/L
2,4,6-Trichlorophenol	ND	10	ug/L
2,4,5-Trichlorophenol	ND	10	ug/L
2-Chloronaphthalene	ND	10	ug/L
2-Nitroaniline	ND	50	ug/L
Dimethyl phthalate	ND	10	ug/L
Acenaphthylene	ND	10	ug/L
2,6-Dinitrotoluene	ND	10	ug/L

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: MW-15B/090303

GC/MS Semivolatiles

Lot-Sample #....: A3I040194-006 Work Order #....: FXLJ91AC Matrix.....: WG

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
3-Nitroaniline	ND	50	ug/L
Acenaphthene	ND	10	ug/L
2,4-Dinitrophenol	ND	50	ug/L
4-Nitrophenol	ND	50	ug/L
Dibenzofuran	ND	10	ug/L
2,4-Dinitrotoluene	ND	10	ug/L
Diethyl phthalate	ND	10	ug/L
4-Chlorophenyl phenyl ether	ND	10	ug/L
Fluorene	ND	10	ug/L
4-Nitroaniline	ND	50	ug/L
4,6-Dinitro- 2-methylphenol	ND	50	ug/L
N-Nitrosodiphenylamine	ND	10	ug/L
4-Bromophenyl phenyl ether	ND	10	ug/L
Hexachlorobenzene	ND	10	ug/L
Pentachlorophenol	ND	10	ug/L
Phenanthrene	ND	10	ug/L
Anthracene	ND	10	ug/L
Carbazole	ND	10	ug/L
Di-n-butyl phthalate	ND	10	ug/L
Fluoranthene	ND	10	ug/L
Pyrene	ND	10	ug/L
Butyl benzyl phthalate	ND	10	ug/L
3,3'-Dichlorobenzidine	ND	50	ug/L
Benzo(a)anthracene	ND	10	ug/L
Chrysene	ND	10	ug/L
bis(2-Ethylhexyl) phthalate	ND	10	ug/L
Di-n-octyl phthalate	ND	10	ug/L
Benzo(b)fluoranthene	ND	10	ug/L
Benzo(k)fluoranthene	ND	10	ug/L
Benzo(a)pyrene	ND	10	ug/L
Indeno(1,2,3-cd)pyrene	ND	10	ug/L
Dibenz(a,h)anthracene	ND	10	ug/L
Benzo(ghi)perylene	ND	10	ug/L

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Nitrobenzene-d5	59	(32 - 112)
2-Fluorobiphenyl	49	(30 - 110)
Terphenyl-d14	81	(10 - 144)
Phenol-d5	55	(10 - 113)
2-Fluorophenol	60	(13 - 110)
2,4,6-Tribromophenol	61	(21 - 122)

PAYNE FIRM INC.

Client Sample ID: MW-15B/090303

TOTAL Metals

Lot-Sample #....: A3I040194-006
 Date Sampled....: 09/03/03 08:30 Date Received...: 09/04/03 Matrix.....: WG

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION-ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Prep Batch #....: 3248129						
Arsenic	ND	0.010	mg/L	SW846 6010B	09/05-09/08/03	FXLJ91AG
		Dilution Factor: 1				
Chromium	0.018	0.0050	mg/L	SW846 6010B	09/05-09/08/03	FXLJ91AH
		Dilution Factor: 1				
Nickel	ND	0.040	mg/L	SW846 6010B	09/05-09/08/03	FXLJ91AJ
		Dilution Factor: 1				

PAYNE FIRM INC.

Client Sample ID: MW-15B/090303

DISSOLVED Metals

Lot-Sample #....: A3I040194-006

Matrix.....: WG

Date Sampled...: 09/03/03 08:30 Date Received..: 09/04/03

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Prep Batch #....: 3248129						
Arsenic	ND	0.010	mg/L	SW846 6010B	09/05-09/08/03	FXLJ91AD
		Dilution Factor:	1			
Chromium	ND	0.0050	mg/L	SW846 6010B	09/05-09/08/03	FXLJ91AE
		Dilution Factor:	1			
Nickel	ND	0.040	mg/L	SW846 6010B	09/05-09/08/03	FXLJ91AF
		Dilution Factor:	1			

PAYNE FIRM INC.

Client Sample ID: MW-15B/090303

General Chemistry

Lot-Sample #....: A3I040194-006 Work Order #....: FXLJ9 Matrix.....: WG
Date Sampled....: 09/03/03 08:30 Date Received...: 09/04/03

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-	PREP
					ANALYSIS DATE	BATCH #
Total Suspended Solids	ND	4.0	mg/L	MCAWW 160.2	09/10/03	3252699

Dilution Factor: 1

PAYNE FIRM INC.

Client Sample ID: MW-18/090303

GC/MS Volatiles

Lot-Sample #....: A3I040194-007 Work Order #....: FXLKE1AA Matrix.....: WG
 Date Sampled....: 09/03/03 10:20 Date Received...: 09/04/03
 Prep Date.....: 09/11/03 Analysis Date...: 09/11/03
 Prep Batch #....: 3255166
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
Acetonitrile	ND	20	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Chloroprene	ND	2.0	ug/L
3-Chloropropene	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
trans-1,4-Dichloro-2-butene	ND	1.0	ug/L
Dichlorofluoromethane	ND	2.0	ug/L
1,4-Dioxane	ND	200	ug/L
Ethyl methacrylate	ND	1.0	ug/L
Iodomethane	ND	1.0	ug/L
Isobutanol	ND	50	ug/L
Methacrylonitrile	ND	2.0	ug/L
Methyl methacrylate	ND	2.0	ug/L
Propionitrile	ND	4.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
Vinyl acetate	ND	2.0	ug/L
Chloromethane	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
Acetone	ND	10	ug/L
Carbon disulfide	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethene (total)	14	1.0	ug/L
Chloroform	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
2-Butanone	ND	10	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: MW-18/090303

GC/MS Volatiles

Lot-Sample #....: A3I040194-007 Work Order #....: FXLKE1AA Matrix.....: WG

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
Bromodichloromethane	ND	1.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Benzene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	10	ug/L
2-Hexanone	ND	10	ug/L
Tetrachloroethene	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
Xylenes (total)	ND	2.0	ug/L

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Dibromofluoromethane	108	(73 - 122)
1,2-Dichloroethane-d4	100	(61 - 128)
Toluene-d8	94	(76 - 110)
4-Bromofluorobenzene	75	(74 - 116)

PAYNE FIRM INC.

Client Sample ID: MW-18/090303

GC/MS Semivolatiles

Lot-Sample #....: A3I040194-007 Work Order #....: FXLKE1AC Matrix.....: WG
 Date Sampled....: 09/03/03 10:20 Date Received...: 09/04/03
 Prep Date.....: 09/04/03 Analysis Date...: 09/08/03
 Prep Batch #....: 3247408
 Dilution Factor: 1 Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Phenol	ND	10	ug/L
bis(2-Chloroethyl)- ether	ND	10	ug/L
2-Chlorophenol	ND	10	ug/L
1,3-Dichlorobenzene	ND	10	ug/L
1,4-Dichlorobenzene	ND	10	ug/L
1,2-Dichlorobenzene	ND	10	ug/L
2-Methylphenol	ND	10	ug/L
2,2'-oxybis(1-Chloro- propane)	ND	10	ug/L
4-Methylphenol	ND	10	ug/L
N-Nitrosodi-n-propyl- amine	ND	10	ug/L
Hexachloroethane	ND	10	ug/L
Nitrobenzene	ND	10	ug/L
Isophorone	ND	10	ug/L
2-Nitrophenol	ND	10	ug/L
2,4-Dimethylphenol	ND	10	ug/L
bis(2-Chloroethoxy) methane	ND	10	ug/L
2,4-Dichlorophenol	ND	10	ug/L
1,2,4-Trichloro- benzene	ND	10	ug/L
Naphthalene	ND	10	ug/L
4-Chloroaniline	ND	10	ug/L
Hexachlorobutadiene	ND	10	ug/L
4-Chloro-3-methylphenol	ND	10	ug/L
2-Methylnaphthalene	ND	10	ug/L
Hexachlorocyclopenta- diene	ND	50	ug/L
2,4,6-Trichloro- phenol	ND	10	ug/L
2,4,5-Trichloro- phenol	ND	10	ug/L
2-Chloronaphthalene	ND	10	ug/L
2-Nitroaniline	ND	50	ug/L
Dimethyl phthalate	ND	10	ug/L
Acenaphthylene	ND	10	ug/L
2,6-Dinitrotoluene	ND	10	ug/L

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: MW-18/090303

GC/MS Semivolatiles

Lot-Sample #....: A3I040194-007 Work Order #....: FXLKE1AC Matrix.....: WG

PARAMETER	RESULT	REPORTING	
		LIMIT	UNITS
3-Nitroaniline	ND	50	ug/L
Acenaphthene	ND	10	ug/L
2,4-Dinitrophenol	ND	50	ug/L
4-Nitrophenol	ND	50	ug/L
Dibenzofuran	ND	10	ug/L
2,4-Dinitrotoluene	ND	10	ug/L
Diethyl phthalate	ND	10	ug/L
4-Chlorophenyl phenyl ether	ND	10	ug/L
Fluorene	ND	10	ug/L
4-Nitroaniline	ND	50	ug/L
4,6-Dinitro-2-methylphenol	ND	50	ug/L
N-Nitrosodiphenylamine	ND	10	ug/L
4-Bromophenyl phenyl ether	ND	10	ug/L
Hexachlorobenzene	ND	10	ug/L
Pentachlorophenol	ND	10	ug/L
Phenanthrene	ND	10	ug/L
Anthracene	ND	10	ug/L
Carbazole	ND	10	ug/L
Di-n-butyl phthalate	ND	10	ug/L
Fluoranthene	ND	10	ug/L
Pyrene	ND	10	ug/L
Butyl benzyl phthalate	ND	10	ug/L
3,3'-Dichlorobenzidine	ND	50	ug/L
Benzo(a)anthracene	ND	10	ug/L
Chrysene	ND	10	ug/L
bis(2-Ethylhexyl) phthalate	ND	10	ug/L
Di-n-octyl phthalate	ND	10	ug/L
Benzo(b)fluoranthene	ND	10	ug/L
Benzo(k)fluoranthene	ND	10	ug/L
Benzo(a)pyrene	ND	10	ug/L
Indeno(1,2,3-cd)pyrene	ND	10	ug/L
Dibenz(a,h)anthracene	ND	10	ug/L
Benzo(ghi)perylene	ND	10	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY	
		LIMITS	
Nitrobenzene-d5	57	(32 - 112)	
2-Fluorobiphenyl	46	(30 - 110)	
Terphenyl-d14	60	(10 - 144)	
Phenol-d5	45	(10 - 113)	
2-Fluorophenol	48	(13 - 110)	
2,4,6-Tribromophenol	55	(21 - 122)	

PAYNE FIRM INC.

Client Sample ID: MW-18/090303

TOTAL Metals

Lot-Sample #....: A3I040194-007

Matrix.....: WG

Date Sampled...: 09/03/03 10:20 Date Received..: 09/04/03

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Prep Batch #....:	3248129					
Arsenic	0.064	0.010	mg/L	SW846 6010B	09/05-09/08/03	FXLKE1AG
		Dilution Factor:	1			
Chromium	0.12	0.0050	mg/L	SW846 6010B	09/05-09/08/03	FXLKE1AH
		Dilution Factor:	1			
Nickel	0.10	0.040	mg/L	SW846 6010B	09/05-09/08/03	FXLKE1AJ
		Dilution Factor:	1			

PAYNE FIRM INC.

Client Sample ID: MW-18/090303

DISSOLVED Metals

Lot-Sample #....: A3I040194-007
 Date Sampled....: 09/03/03 10:20 Date Received..: 09/04/03

Matrix.....: WG

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Prep Batch #....: 3248129						
Arsenic	ND	0.010	mg/L	SW846 6010B	09/05-09/08/03	FXLKE1AD
		Dilution Factor: 1				
Chromium	ND	0.0050	mg/L	SW846 6010B	09/05-09/08/03	FXLKE1AE
		Dilution Factor: 1				
Nickel	ND	0.040	mg/L	SW846 6010B	09/05-09/08/03	FXLKE1AF
		Dilution Factor: 1				

PAYNE FIRM INC.

Client Sample ID: MW-18/090303

General Chemistry

Lot-Sample #....: A3I040194-007 Work Order #....: FXLKE Matrix.....: WG
Date Sampled....: 09/03/03 10:20 Date Received...: 09/04/03

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Suspended Solids	3200	8.0	mg/L	MCANW 160.2	09/10/03	3252699

Dilution Factor: 2

PAYNE FIRM INC.

Client Sample ID: MW-43A/090303

TOTAL Metals

Lot-Sample #...: A3I040194-008
Date Sampled...: 09/03/03 10:15 **Date Received...**: 09/04/03

Matrix.....: WG

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Prep Batch #...: 3248129						
Arsenic	ND	0.010	mg/L	SW846 6010B	09/05-09/08/03	FXLKG1AE
		Dilution Factor: 1				
Chromium	0.029	0.0050	mg/L	SW846 6010B	09/05-09/08/03	FXLKG1AF
		Dilution Factor: 1				
Nickel	ND	0.040	mg/L	SW846 6010B	09/05-09/08/03	FXLKG1AG
		Dilution Factor: 1				

PAYNE FIRM INC.

Client Sample ID: MW-43A/090303

DISSOLVED Metals

Lot-Sample #....: A3I040194-008
 Date Sampled....: 09/03/03 10:15 Date Received...: 09/04/03 Matrix.....: WG

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Prep Batch #....: 3248129						
Arsenic	ND	0.010	mg/L	SW846 6010B	09/05-09/08/03	FXLKG1AA
		Dilution Factor:	1			
Chromium	ND	0.0050	mg/L	SW846 6010B	09/05-09/08/03	FXLKG1AC
		Dilution Factor:	1			
Nickel	ND	0.040	mg/L	SW846 6010B	09/05-09/08/03	FXLKG1AD
		Dilution Factor:	1			

PAYNE FIRM INC.

Client Sample ID: MW-43A/090303

General Chemistry

Lot-Sample #....: A3I040194-008 Work Order #....: FXLKG Matrix.....: WG
Date Sampled....: 09/03/03 10:15 Date Received...: 09/04/03

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-	PREP
					ANALYSIS DATE	BATCH #
Total Suspended Solids	17	4.0	mg/L	MCAWW 160.2	09/10/03	3252699

Dilution Factor: 1

PAYNE FIRM INC.

Client Sample ID: P-1/090303

TOTAL Metals

Lot-Sample #....: A3I040194-009

Matrix.....: WG

Date Sampled...: 09/03/03 09:25 Date Received..: 09/04/03

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Prep Batch #....:	3248129					
Arsenic	ND	0.010	mg/L	SW846 6010B	09/05-09/08/03	FXLKJ1AE
		Dilution Factor: 1				
Chromium	0.019	0.0050	mg/L	SW846 6010B	09/05-09/08/03	FXLKJ1AF
		Dilution Factor: 1				
Nickel	ND	0.040	mg/L	SW846 6010B	09/05-09/08/03	FXLKJ1AG
		Dilution Factor: 1				

PAYNE FIRM INC.

Client Sample ID: P-1/090303

DISSOLVED Metals

Lot-Sample #....: A3I040194-009

Matrix.....: WG

Date Sampled...: 09/03/03 09:25 Date Received..: 09/04/03

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Prep Batch #....: 3248129						
Arsenic	ND	0.010	mg/L	SW846 6010B	09/05-09/08/03	FXLKJ1AA
		Dilution Factor:	1			
Chromium	ND	0.0050	mg/L	SW846 6010B	09/05-09/08/03	FXLKJ1AC
		Dilution Factor:	1			
Nickel	ND	0.040	mg/L	SW846 6010B	09/05-09/08/03	FXLKJ1AD
		Dilution Factor:	1			

PAYNE FIRM INC.

Client Sample ID: P-1/090303

General Chemistry

Lot-Sample #....: A3I040194-009 Work Order #....: FXLKJ Matrix.....: WG
Date Sampled....: 09/03/03 09:25 Date Received...: 09/04/03

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Suspended Solids	8.0	4.0	mg/L	MCANW 160.2	09/10/03	3252699

Dilution Factor: 1

PAYNE FIRM INC.

Client Sample ID: MW-15/090303

TOTAL Metals

Lot-Sample #....: A3I040194-010 **Matrix.....:** WG
Date Sampled...: 09/03/03 08:45 **Date Received..:** 09/04/03

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Prep Batch #....: 3248129						
Arsenic	0.021	0.010	mg/L	SW846 6010B	09/05-09/08/03	FXLKK1AE
		Dilution Factor: 1				
Chromium	0.25	0.0050	mg/L	SW846 6010B	09/05-09/08/03	FXLKK1AF
		Dilution Factor: 1				
Nickel	0.18	0.040	mg/L	SW846 6010B	09/05-09/08/03	FXLKK1AG
		Dilution Factor: 1				

PAYNE FIRM INC.

Client Sample ID: MW-15/090303

DISSOLVED Metals

Lot-Sample #...: A3I040194-010

Matrix.....: WG

Date Sampled...: 09/03/03 08:45 Date Received..: 09/04/03

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Prep Batch #...: 3248129						
Arsenic	0.013	0.010	mg/L	SW846 6010B	09/05-09/08/03	FXLKK1AA
		Dilution Factor: 1				
Chromium	ND	0.0050	mg/L	SW846 6010B	09/05-09/08/03	FXLKK1AC
		Dilution Factor: 1				
Nickel	ND	0.040	mg/L	SW846 6010B	09/05-09/08/03	FXLKK1AD
		Dilution Factor: 1				

PAYNE FIRM INC.

Client Sample ID: MW-15/090303

General Chemistry

Lot-Sample #....: A3I040194-010 Work Order #....: FXLKK Matrix.....: WG
Date Sampled....: 09/03/03 08:45 Date Received...: 09/04/03

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-	PREP
					ANALYSIS DATE	BATCH #
Total Suspended Solids	32	4.0	mg/L	MCAWW 160.2	09/10/03	3252699

Dilution Factor: 1

PAYNE FIRM INC.

Client Sample ID: DUP01/090303

GC/MS Volatiles

Lot-Sample #....: A3I040194-011 Work Order #....: FXLKL1AA Matrix.....: WQ
 Date Sampled...: 09/03/03 Date Received...: 09/04/03
 Prep Date.....: 09/11/03 Analysis Date...: 09/11/03
 Prep Batch #....: 3255166
 Dilution Factor: 1 Method.....: SW846 8260B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
Acetonitrile	ND	20	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Chloroprene	ND	2.0	ug/L
3-Chloropropene	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
trans-1,4-Dichloro-2-butene	ND	1.0	ug/L
Dichlorofluoromethane	ND	2.0	ug/L
1,4-Dioxane	ND	200	ug/L
Ethyl methacrylate	ND	1.0	ug/L
Iodomethane	ND	1.0	ug/L
Isobutanol	ND	50	ug/L
Methacrylonitrile	ND	2.0	ug/L
Methyl methacrylate	ND	2.0	ug/L
Propionitrile	ND	4.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
Vinyl acetate	ND	2.0	ug/L
Chloromethane	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
Acetone	ND	10	ug/L
Carbon disulfide	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethene (total)	ND	2.0	ug/L
Chloroform	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
2-Butanone	ND	10	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: DUP01/090303

GC/MS Volatiles

Lot-Sample #....: A3I040194-011 Work Order #....: FXLKL1AA Matrix.....: WQ

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
Bromodichloromethane	ND	1.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Benzene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	10	ug/L
2-Hexanone	ND	10	ug/L
Tetrachloroethene	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
Xylenes (total)	ND	2.0	ug/L

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Dibromofluoromethane	110	(73 - 122)
1,2-Dichloroethane-d4	102	(61 - 128)
Toluene-d8	97	(76 - 110)
4-Bromofluorobenzene	76	(74 - 116)

PAYNE FIRM INC.

Client Sample ID: DUP01/090303

GC/MS Semivolatiles

Lot-Sample #....: A3I040194-011 Work Order #....: FXLKL1AC Matrix.....: WQ
 Date Sampled....: 09/03/03 Date Received...: 09/04/03
 Prep Date.....: 09/04/03 Analysis Date...: 09/08/03
 Prep Batch #....: 3247408
 Dilution Factor: 1 Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING	
		LIMIT	UNITS
Phenol	ND	10	ug/L
bis(2-Chloroethyl)-ether	ND	10	ug/L
2-Chlorophenol	ND	10	ug/L
1,3-Dichlorobenzene	ND	10	ug/L
1,4-Dichlorobenzene	ND	10	ug/L
1,2-Dichlorobenzene	ND	10	ug/L
2-Methylphenol	ND	10	ug/L
2,2'-oxybis(1-Chloropropane)	ND	10	ug/L
4-Methylphenol	ND	10	ug/L
N-Nitrosodi-n-propyl-amine	ND	10	ug/L
Hexachloroethane	ND	10	ug/L
Nitrobenzene	ND	10	ug/L
Isophorone	ND	10	ug/L
2-Nitrophenol	ND	10	ug/L
2,4-Dimethylphenol	ND	10	ug/L
bis(2-Chloroethoxy)methane	ND	10	ug/L
2,4-Dichlorophenol	ND	10	ug/L
1,2,4-Trichlorobenzene	ND	10	ug/L
Naphthalene	ND	10	ug/L
4-Chloroaniline	ND	10	ug/L
Hexachlorobutadiene	ND	10	ug/L
4-Chloro-3-methylphenol	ND	10	ug/L
2-Methylnaphthalene	ND	10	ug/L
Hexachlorocyclopentadiene	ND	50	ug/L
2,4,6-Trichlorophenol	ND	10	ug/L
2,4,5-Trichlorophenol	ND	10	ug/L
2-Chloronaphthalene	ND	10	ug/L
2-Nitroaniline	ND	50	ug/L
Dimethyl phthalate	ND	10	ug/L
Acenaphthylene	ND	10	ug/L
2,6-Dinitrotoluene	ND	10	ug/L

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: DUP01/090303

GC/MS Semivolatiles

Lot-Sample #....: A3I040194-011 Work Order #....: FXLKL1AC Matrix.....: WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS
3-Nitroaniline	ND	50	ug/L
Acenaphthene	ND	10	ug/L
2,4-Dinitrophenol	ND	50	ug/L
4-Nitrophenol	ND	50	ug/L
Dibenzofuran	ND	10	ug/L
2,4-Dinitrotoluene	ND	10	ug/L
Diethyl phthalate	ND	10	ug/L
4-Chlorophenyl phenyl ether	ND	10	ug/L
Fluorene	ND	10	ug/L
4-Nitroaniline	ND	50	ug/L
4,6-Dinitro-2-methylphenol	ND	50	ug/L
N-Nitrosodiphenylamine	ND	10	ug/L
4-Bromophenyl phenyl ether	ND	10	ug/L
Hexachlorobenzene	ND	10	ug/L
Pentachlorophenol	ND	10	ug/L
Phenanthrene	ND	10	ug/L
Anthracene	ND	10	ug/L
Carbazole	ND	10	ug/L
Di-n-butyl phthalate	ND	10	ug/L
Fluoranthene	ND	10	ug/L
Pyrene	ND	10	ug/L
Butyl benzyl phthalate	ND	10	ug/L
3,3'-Dichlorobenzidine	ND	50	ug/L
Benzo(a)anthracene	ND	10	ug/L
Chrysene	ND	10	ug/L
bis(2-Ethylhexyl) phthalate	ND	10	ug/L
Di-n-octyl phthalate	ND	10	ug/L
Benzo(b)fluoranthene	ND	10	ug/L
Benzo(k)fluoranthene	ND	10	ug/L
Benzo(a)pyrene	ND	10	ug/L
Indeno(1,2,3-cd)pyrene	ND	10	ug/L
Dibenz(a,h)anthracene	ND	10	ug/L
Benzo(ghi)perylene	ND	10	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	58	(32 - 112)
2-Fluorobiphenyl	48	(30 - 110)
Terphenyl-d14	76	(10 - 144)
Phenol-d5	51	(10 - 113)
2-Fluorophenol	56	(13 - 110)
2,4,6-Tribromophenol	62	(21 - 122)

PAYNE FIRM INC.

Client Sample ID: FB01/090303

GC/MS Volatiles

Lot-Sample #....: A3I040194-012 Work Order #....: FXLKN1AA Matrix.....: WQ
 Date Sampled....: 09/03/03 14:40 Date Received...: 09/04/03
 Prep Date.....: 09/11/03 Analysis Date...: 09/11/03
 Prep Batch #....: 3255166
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING	
		LIMIT	UNITS
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
Acetonitrile	ND	20	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Chloroprene	ND	2.0	ug/L
3-Chloropropene	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
trans-1,4-Dichloro-2-butene	ND	1.0	ug/L
Dichlorofluoromethane	ND	2.0	ug/L
1,4-Dioxane	ND	200	ug/L
Ethyl methacrylate	ND	1.0	ug/L
Iodomethane	ND	1.0	ug/L
Isobutanol	ND	50	ug/L
Methacrylonitrile	ND	2.0	ug/L
Methyl methacrylate	ND	2.0	ug/L
Propionitrile	ND	4.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
Vinyl acetate	ND	2.0	ug/L
Chloromethane	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
Acetone	ND	10	ug/L
Carbon disulfide	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethene (total)	ND	2.0	ug/L
Chloroform	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
2-Butanone	ND	10	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L

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PAYNE FIRM INC.

Client Sample ID: FB01/090303

GC/MS Volatiles

Lot-Sample #....: A3I040194-012 Work Order #....: FXLKN1AA Matrix.....: WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Bromodichloromethane	ND	1.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Benzene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	10	ug/L
2-Hexanone	ND	10	ug/L
Tetrachloroethene	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
Xylenes (total)	ND	2.0	ug/L
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS	
Dibromofluoromethane	109	(73 - 122)	
1,2-Dichloroethane-d4	102	(61 - 128)	
Toluene-d8	96	(76 - 110)	
4-Bromofluorobenzene	76	(74 - 116)	

PAYNE FIRM INC.

Client Sample ID: FB01/090303

GC/MS Semivolatiles

Lot-Sample #....: A3I040194-012 Work Order #....: FXLKN1AC Matrix.....: WQ
Date Sampled....: 09/03/03 14:40 Date Received...: 09/04/03
Prep Date.....: 09/04/03 Analysis Date...: 09/08/03
Prep Batch #....: 3247408
Dilution Factor: 1 Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Phenol	ND	10	ug/L
bis(2-Chloroethyl)- ether	ND	10	ug/L
2-Chlorophenol	ND	10	ug/L
1,3-Dichlorobenzene	ND	10	ug/L
1,4-Dichlorobenzene	ND	10	ug/L
1,2-Dichlorobenzene	ND	10	ug/L
2-Methylphenol	ND	10	ug/L
2,2'-oxybis(1-Chloro- propane)	ND	10	ug/L
4-Methylphenol	ND	10	ug/L
N-Nitrosodi-n-propyl- amine	ND	10	ug/L
Hexachloroethane	ND	10	ug/L
Nitrobenzene	ND	10	ug/L
Isophorone	ND	10	ug/L
2-Nitrophenol	ND	10	ug/L
2,4-Dimethylphenol	ND	10	ug/L
bis(2-Chloroethoxy) methane	ND	10	ug/L
2,4-Dichlorophenol	ND	10	ug/L
1,2,4-Trichloro- benzene	ND	10	ug/L
Naphthalene	ND	10	ug/L
4-Chloroaniline	ND	10	ug/L
Hexachlorobutadiene	ND	10	ug/L
4-Chloro-3-methylphenol	ND	10	ug/L
2-Methylnaphthalene	ND	10	ug/L
Hexachlorocyclopenta- diene	ND	50	ug/L
2,4,6-Trichloro- phenol	ND	10	ug/L
2,4,5-Trichloro- phenol	ND	10	ug/L
2-Chloronaphthalene	ND	10	ug/L
2-Nitroaniline	ND	50	ug/L
Dimethyl phthalate	ND	10	ug/L
Acenaphthylene	ND	10	ug/L
2,6-Dinitrotoluene	ND	10	ug/L

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: FB01/090303

GC/MS Semivolatiles

Lot-Sample #....: A3I040194-012 Work Order #....: FXLKN1AC Matrix.....: WQ

PARAMETER	RESULT	REPORTING	
		LIMIT	UNITS
3-Nitroaniline	ND	50	ug/L
Acenaphthene	ND	10	ug/L
2,4-Dinitrophenol	ND	50	ug/L
4-Nitrophenol	ND	50	ug/L
Dibenzofuran	ND	10	ug/L
2,4-Dinitrotoluene	ND	10	ug/L
Diethyl phthalate	ND	10	ug/L
4-Chlorophenyl phenyl ether	ND	10	ug/L
Fluorene	ND	10	ug/L
4-Nitroaniline	ND	50	ug/L
4,6-Dinitro-2-methylphenol	ND	50	ug/L
N-Nitrosodiphenylamine	ND	10	ug/L
4-Bromophenyl phenyl ether	ND	10	ug/L
Hexachlorobenzene	ND	10	ug/L
Pentachlorophenol	ND	10	ug/L
Phenanthrene	ND	10	ug/L
Anthracene	ND	10	ug/L
Carbazole	ND	10	ug/L
Di-n-butyl phthalate	ND	10	ug/L
Fluoranthene	ND	10	ug/L
Pyrene	ND	10	ug/L
Butyl benzyl phthalate	ND	10	ug/L
3,3'-Dichlorobenzidine	ND	50	ug/L
Benzo(a)anthracene	ND	10	ug/L
Chrysene	ND	10	ug/L
bis(2-Ethylhexyl) phthalate	ND	10	ug/L
Di-n-octyl phthalate	ND	10	ug/L
Benzo(b)fluoranthene	ND	10	ug/L
Benzo(k)fluoranthene	ND	10	ug/L
Benzo(a)pyrene	ND	10	ug/L
Indeno(1,2,3-cd)pyrene	ND	10	ug/L
Dibenz(a,h)anthracene	ND	10	ug/L
Benzo(ghi)perylene	ND	10	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY	
		LIMITS	
Nitrobenzene-d5	66	(32	- 112)
2-Fluorobiphenyl	55	(30	- 110)
Terphenyl-d14	79	(10	- 144)
Phenol-d5	58	(10	- 113)
2-Fluorophenol	64	(13	- 110)
2,4,6-Tribromophenol	54	(21	- 122)

PAYNE FIRM INC.

Client Sample ID: TB02/090303

GC/MS Volatiles

Lot-Sample #....: A3I040194-013 Work Order #....: FXLKP1AA Matrix.....: WQ
 Date Sampled...: 09/03/03 Date Received...: 09/04/03
 Prep Date.....: 09/11/03 Analysis Date...: 09/11/03
 Prep Batch #....: 3255166
 Dilution Factor: 1 Method.....: SW846 8260B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>	
		<u>LIMIT</u>	<u>UNITS</u>
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
Acetonitrile	ND	20	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Chloroprene	ND	2.0	ug/L
3-Chloropropene	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
trans-1,4-Dichloro-2-butene	ND	1.0	ug/L
Dichlorofluoromethane	ND	2.0	ug/L
1,4-Dioxane	ND	200	ug/L
Ethyl methacrylate	ND	1.0	ug/L
Iodomethane	ND	1.0	ug/L
Isobutanol	ND	50	ug/L
Methacrylonitrile	ND	2.0	ug/L
Methyl methacrylate	ND	2.0	ug/L
Propionitrile	ND	4.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
Vinyl acetate	ND	2.0	ug/L
Chloromethane	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
Acetone	ND	10	ug/L
Carbon disulfide	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethene (total)	ND	2.0	ug/L
Chloroform	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
2-Butanone	ND	10	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L

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PAYNE FIRM INC.

Client Sample ID: TB02/090303

GC/MS Volatiles

Lot-Sample #....: A3I040194-013 Work Order #....: FXLKP1AA Matrix.....: WQ

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
Bromodichloromethane	ND	1.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Benzene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	10	ug/L
2-Hexanone	ND	10	ug/L
Tetrachloroethene	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
Xylenes (total)	ND	2.0	ug/L

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Dibromofluoromethane	108	(73 - 122)
1,2-Dichloroethane-d4	102	(61 - 128)
Toluene-d8	94	(76 - 110)
4-Bromofluorobenzene	78	(74 - 116)

QUALITY CONTROL SECTION

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #....: A3I040194
MB Lot-Sample #: A3I120000-166

Work Order #....: FX6W61AA

Matrix.....: WATER

Analysis Date..: 09/11/03
Dilution Factor: 1

Prep Date.....: 09/11/03
Prep Batch #....: 3255166

PARAMETER	RESULT	REPORTING			METHOD
		LIMIT	UNITS		
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	ug/L		SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L		SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L		SW846 8260B
Acetonitrile	ND	20	ug/L		SW846 8260B
Acrolein	ND	20	ug/L		SW846 8260B
Acrylonitrile	ND	20	ug/L		SW846 8260B
Chloroprene	ND	2.0	ug/L		SW846 8260B
3-Chloropropene	ND	2.0	ug/L		SW846 8260B
Dibromomethane	ND	1.0	ug/L		SW846 8260B
trans-1,4-Dichloro-2-butene	ND	1.0	ug/L		SW846 8260B
Dichlorofluoromethane	ND	2.0	ug/L		SW846 8260B
1,4-Dioxane	ND	200	ug/L		SW846 8260B
Ethyl methacrylate	ND	1.0	ug/L		SW846 8260B
Iodomethane	ND	1.0	ug/L		SW846 8260B
Isobutanol	ND	50	ug/L		SW846 8260B
Methacrylonitrile	ND	2.0	ug/L		SW846 8260B
Methyl methacrylate	ND	2.0	ug/L		SW846 8260B
Propionitrile	ND	4.0	ug/L		SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L		SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L		SW846 8260B
Vinyl acetate	ND	2.0	ug/L		SW846 8260B
Chloromethane	ND	1.0	ug/L		SW846 8260B
Bromomethane	ND	1.0	ug/L		SW846 8260B
Vinyl chloride	ND	1.0	ug/L		SW846 8260B
Chloroethane	ND	1.0	ug/L		SW846 8260B
Methylene chloride	ND	1.0	ug/L		SW846 8260B
Acetone	ND	10	ug/L		SW846 8260B
Carbon disulfide	ND	1.0	ug/L		SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L		SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L		SW846 8260B
1,2-Dichloroethene (total)	ND	2.0	ug/L		SW846 8260B
Chloroform	ND	1.0	ug/L		SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L		SW846 8260B
2-Butanone	ND	10	ug/L		SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L		SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L		SW846 8260B
Bromodichloromethane	ND	1.0	ug/L		SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L		SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #....: A3I040194

Work Order #....: FX6W61AA

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		<u>METHOD</u>		
		<u>LIMIT</u>	<u>UNITS</u>			
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B		
Trichloroethene	ND	1.0	ug/L	SW846 8260B		
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B		
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B		
Benzene	ND	1.0	ug/L	SW846 8260B		
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B		
Bromoform	ND	1.0	ug/L	SW846 8260B		
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B		
2-Hexanone	ND	10	ug/L	SW846 8260B		
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B		
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B		
Toluene	ND	1.0	ug/L	SW846 8260B		
Chlorobenzene	ND	1.0	ug/L	SW846 8260B		
Ethylbenzene	ND	1.0	ug/L	SW846 8260B		
Styrene	ND	1.0	ug/L	SW846 8260B		
Xylenes (total)	ND	2.0	ug/L	SW846 8260B		
<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>				
		<u>RECOVERY</u>	<u>LIMITS</u>			
Dibromofluoromethane	103	(73 - 122)				
1,2-Dichloroethane-d4	102	(61 - 128)				
Toluene-d8	97	(76 - 110)				
4-Bromofluorobenzene	78	(74 - 116)				

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #....: A3I040194
MB Lot-Sample #: A3I150000-449
Analysis Date..: 09/12/03
Dilution Factor: 1

Work Order #....: F0C9G1AA
Prep Date.....: 09/12/03
Prep Batch #....: 3258449

Matrix.....: WATER

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Chloromethane	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
Acetone	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethene (total)	ND	2.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	10	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B
2-Hexanone	ND	10	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Acetonitrile	ND	20	ug/L	SW846 8260B
Acrolein	ND	.20	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #....: A3I040194

Work Order #....: F0C9G1AA

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
Acrylonitrile	ND	20	ug/L	SW846 8260B
Chloroprene	ND	2.0	ug/L	SW846 8260B
3-Chloropropene	ND	2.0	ug/L	SW846 8260B
Dibromomethane	ND	1.0	ug/L	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	1.0	ug/L	SW846 8260B
Dichlorofluoromethane	ND	2.0	ug/L	SW846 8260B
1,4-Dioxane	ND	200	ug/L	SW846 8260B
Ethyl methacrylate	ND	1.0	ug/L	SW846 8260B
Iodomethane	ND	1.0	ug/L	SW846 8260B
Isobutanol	ND	50	ug/L	SW846 8260B
Methacrylonitrile	ND	2.0	ug/L	SW846 8260B
Methyl methacrylate	ND	2.0	ug/L	SW846 8260B
Propionitrile	ND	4.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
Vinyl acetate	ND	2.0	ug/L	SW846 8260B
<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>		
Dibromofluoromethane	108	(73 - 122)		
1,2-Dichloroethane-d4	94	(61 - 128)		
Toluene-d8	89	(76 - 110)		
4-Bromofluorobenzene	80	(74 - 116)		

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #....: A3I040194	Work Order #....: FXLXV1AA	Matrix.....: WATER
MB Lot-Sample #: A3I040000-408		
	Prep Date.....: 09/04/03	
Analysis Date..: 09/30/03	Prep Batch #....: 3247408	
Dilution Factor: 1		

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Phenol	ND	10	ug/L	SW846 8270C
bis(2-Chloroethyl) - ether	ND	10	ug/L	SW846 8270C
2-Chlorophenol	ND	10	ug/L	SW846 8270C
1,3-Dichlorobenzene	ND	10	ug/L	SW846 8270C
1,4-Dichlorobenzene	ND	10	ug/L	SW846 8270C
1,2-Dichlorobenzene	ND	10	ug/L	SW846 8270C
2-Methylphenol	ND	10	ug/L	SW846 8270C
2,2'-oxybis(1-Chloro-propane)	ND	10	ug/L	SW846 8270C
4-Methylphenol	ND	10	ug/L	SW846 8270C
N-Nitrosodi-n-propyl- amine	ND	10	ug/L	SW846 8270C
Hexachloroethane	ND	10	ug/L	SW846 8270C
Nitrobenzene	ND	10	ug/L	SW846 8270C
Isophorone	ND	10	ug/L	SW846 8270C
2-Nitrophenol	ND	10	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	10	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	10	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	10	ug/L	SW846 8270C
1,2,4-Trichloro- benzene	ND	10	ug/L	SW846 8270C
Naphthalene	ND	10	ug/L	SW846 8270C
4-Chloroaniline	ND	10	ug/L	SW846 8270C
Hexachlorobutadiene	ND	10	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	10	ug/L	SW846 8270C
2-Methylnaphthalene	ND	10	ug/L	SW846 8270C
Hexachlorocyclopenta- diene	ND	50	ug/L	SW846 8270C
2,4,6-Trichloro- phenol	ND	10	ug/L	SW846 8270C
2,4,5-Trichloro- phenol	ND	10	ug/L	SW846 8270C
2-Chloronaphthalene	ND	10	ug/L	SW846 8270C
2-Nitroaniline	ND	50	ug/L	SW846 8270C
Dimethyl phthalate	ND	10	ug/L	SW846 8270C
Acenaphthylene	ND	10	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	10	ug/L	SW846 8270C
3-Nitroaniline	ND	50	ug/L	SW846 8270C
Acenaphthene	ND	10	ug/L	SW846 8270C

(Continued on next page)

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #....: A3I040194

Work Order #....: FXLXV1AA

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,4-Dinitrophenol	ND	50	ug/L	SW846 8270C
4-Nitrophenol	ND	50	ug/L	SW846 8270C
Dibenzofuran	ND	10	ug/L	SW846 8270C
2,4-Dinitrotoluene	ND	10	ug/L	SW846 8270C
Diethyl phthalate	ND	10	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Fluorene	ND	10	ug/L	SW846 8270C
4-Nitroaniline	ND	50	ug/L	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	50	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	10	ug/L	SW846 8270C
4-Bromophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Hexachlorobenzene	ND	10	ug/L	SW846 8270C
Pentachlorophenol	ND	10	ug/L	SW846 8270C
Phenanthrene	ND	10	ug/L	SW846 8270C
Anthracene	ND	10	ug/L	SW846 8270C
Carbazole	ND	10	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	10	ug/L	SW846 8270C
Fluoranthene	ND	10	ug/L	SW846 8270C
Pyrene	ND	10	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	10	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	50	ug/L	SW846 8270C
Benzo(a)anthracene	ND	10	ug/L	SW846 8270C
Chrysene	ND	10	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	10	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(a)pyrene	ND	10	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	10	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	10	ug/L	SW846 8270C
Acetophenone	ND	10	ug/L	SW846 8270C
2-Acetylaminofluorene	ND	100	ug/L	SW846 8270C
4-Aminobiphenyl	ND	50	ug/L	SW846 8270C
Aniline	ND	10	ug/L	SW846 8270C
Benzyl alcohol	ND	10	ug/L	SW846 8270C
p-Chlorobenzilate	ND	10	ug/L	SW846 8270C
Diallate	ND	20	ug/L	SW846 8270C
2,6-Dichlorophenol	ND	10	ug/L	SW846 8270C
Dimethoate	ND	20	ug/L	SW846 8270C
p-Dimethylaminoazobenzene	ND	20	ug/L	SW846 8270C

(Continued on next page)

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #....: A3I040194

Work Order #....: FXLXV1AA

Matrix.....: WATER

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
7,12-Dimethylbenz(a)-anthracene	ND	20	ug/L	SW846 8270C
3,3'-Dimethylbenzidine	ND	50	ug/L	SW846 8270C
alpha,alpha-Dimethylphene	ND	50	ug/L	SW846 8270C
1,3-Dinitrobenzene	ND	10	ug/L	SW846 8270C
Diphenylamine	ND	10	ug/L	SW846 8270C
Ethyl methanesulfonate	ND	10	ug/L	SW846 8270C
Hexachloropropene	ND	100	ug/L	SW846 8270C
Isosafrole	ND	20	ug/L	SW846 8270C
Methapyrilene	ND	50	ug/L	SW846 8270C
o-Toluidine	ND	20	ug/L	SW846 8270C
3-Methylcholanthrene	ND	20	ug/L	SW846 8270C
Methyl methanesulfonate	ND	10	ug/L	SW846 8270C
3-Methylphenol	ND	10	ug/L	SW846 8270C
1,4-Naphthoquinone	ND	50	ug/L	SW846 8270C
1-Naphthylamine	ND	10	ug/L	SW846 8270C
2-Naphthylamine	ND	10	ug/L	SW846 8270C
4-Nitroquinoline-1-oxide	ND	100	ug/L	SW846 8270C
N-Nitrosodi-n-butylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodiethylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodimethylamine	ND	10	ug/L	SW846 8270C
N-Nitrosomethylethylamine	ND	10	ug/L	SW846 8270C
N-Nitrosomorpholine	ND	10	ug/L	SW846 8270C
N-Nitrosopiperidine	ND	10	ug/L	SW846 8270C
N-Nitrosopyrrolidine	ND	10	ug/L	SW846 8270C
5-Nitro-o-toluidine	ND	20	ug/L	SW846 8270C
Pentachlorobenzene	ND	10	ug/L	SW846 8270C
Pentachloroethane	ND	50	ug/L	SW846 8270C
Pentachloronitrobenzene	ND	50	ug/L	SW846 8270C
Phenacetin	ND	20	ug/L	SW846 8270C
p-Phenylenediamine	ND	100	ug/L	SW846 8270C
2-Picoline	ND	20	ug/L	SW846 8270C
Pronamide	ND	20	ug/L	SW846 8270C
Pyridine	ND	20	ug/L	SW846 8270C
Safrole	ND	20	ug/L	SW846 8270C
1,2,4,5-Tetrachlorobenzene	ND	10	ug/L	SW846 8270C
2,3,4,6-Tetrachlorophenol	ND	50	ug/L	SW846 8270C
1,3,5-Trinitrobenzene	ND	50	ug/L	SW846 8270C
Aramite	ND	10	ug/L	SW846 8270C
SURROGATE		PERCENT	RECOVERY	
Nitrobenzene-d5		RECOVERY	LIMITS	
75		(32 - 112)	..	

(Continued on next page)

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #....: A3I040194

Work Order #....: FXLXV1AA

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2-Fluorobiphenyl	52	(30 - 110)		
Terphenyl-d14	64	(10 - 144)		
Phenol-d5	58	(10 - 113)		
2-Fluorophenol	55	(13 - 110)		
2,4,6-Tribromophenol	49	(21 - 122)		

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #....: A3I040194

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A3I050000-129 Prep Batch #....: 3248129						
Arsenic	ND	0.010	mg/L	SW846 6010B	09/05-09/08/03	FXMW11AM
		Dilution Factor:	1			
Chromium	ND	0.0050	mg/L	SW846 6010B	09/05-09/08/03	FXMW11AN
		Dilution Factor:	1			
Nickel	ND	0.040	mg/L	SW846 6010B	09/05-09/08/03	FXMW11AP
		Dilution Factor:	1			

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #....: A3I040194

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A3I050000-129 Prep Batch #....: 3248129						
Arsenic	ND	0.010	mg/L	SW846 6010B	09/05-09/08/03	FXMW11AJ
		Dilution Factor:	1			
Chromium	ND	0.0050	mg/L	SW846 6010B	09/05-09/08/03	FXMW11AK
		Dilution Factor:	1			
Nickel	ND	0.040	mg/L	SW846 6010B	09/05-09/08/03	FXMW11AL
		Dilution Factor:	1			

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A3I040194

Matrix.....: WATER

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
		LIMIT	UNITS				
Total Suspended Solids	ND	4.0	mg/L	Work Order #: FX2CR1AA MB Lot-Sample #: A3I090000-699	MCAWW 160.2	09/10/03	3252699
				Dilution Factor: 1			

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

PARAMETER	PERCENT	RECOVERY	RPD	RPD	METHOD
	RECOVERY	LIMITS		LIMITS	
1,1-Dichloroethene	102	(63 - 130)			SW846 8260B
	104	(63 - 130)	2.0	(0-20)	SW846 8260B
Trichloroethene	90	(75 - 122)			SW846 8260B
	94	(75 - 122)	5.1	(0-20)	SW846 8260B
Benzene	98	(80 - 116)			SW846 8260B
	104	(80 - 116)	5.8	(0-20)	SW846 8260B
Toluene	108	(74 - 119)			SW846 8260B
	112	(74 - 119)	4.2	(0-20)	SW846 8260B
Chlorobenzene	99	(76 - 117)			SW846 8260B
	105	(76 - 117)	5.5	(0-20)	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>
	<u>RECOVERY</u>	<u>LIMITS</u>
Dibromofluoromethane	93	(73 - 122)
	91	(73 - 122)
1, 2-Dichloroethane-d4	92	(61 - 128)
	92	(61 - 128)
Toluene-d8	102	(76 - 110)
	99	(76 - 110)
4-Bromofluorobenzene	101	(74 - 116)
	99	(74 - 116)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS volatiles

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>LIMITS</u>	<u>METHOD</u>
1,1-Dichloroethene	99	(63 - 130)			SW846 8260B
	96	(63 - 130)	2.7	(0-20)	SW846 8260B
Trichloroethene	103	(75 - 122)			SW846 8260B
	101	(75 - 122)	1.4	(0-20)	SW846 8260B
Benzene	97	(80 - 116)			SW846 8260B
	98	(80 - 116)	0.84	(0-20)	SW846 8260B
Toluene	96	(74 - 119)			SW846 8260B
	95	(74 - 119)	0.72	(0-20)	SW846 8260B
Chlorobenzene	97	(76 - 117)			SW846 8260B
	98	(76 - 117)	0.97	(0-20)	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Dibromofluoromethane	100	(73 - 122)
	104	(73 - 122)
1,2-Dichloroethane-d4	94	(61 - 128)
	88	(61 - 128)
Toluene-d8	94	(76 - 110)
	93	(76 - 110)
4-Bromofluorobenzene	99	(74 - 116)
	97	(74 - 116)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A3I040194 Work Order #...: FXLXV1AC-LCS Matrix.....: WATER
 LCS Lot-Sample#: A3I040000-408 FXLXV1AD-LCSD
 Prep Date.....: 09/04/03 Analysis Date...: 09/05/03
 Prep Batch #...: 3247408
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
Phenol	71	(10 - 131)			SW846 8270C
	73	(10 - 131)	2.4	(0-43)	SW846 8270C
2-Chlorophenol	75	(19 - 124)			SW846 8270C
	77	(19 - 124)	2.3	(0-43)	SW846 8270C
1,4-Dichlorobenzene	71	(28 - 110)			SW846 8270C
	73	(28 - 110)	1.7	(0-36)	SW846 8270C
N-Nitrosodi-n-propyl-amine	89	(30 - 115)			SW846 8270C
	91	(30 - 115)	1.4	(0-36)	SW846 8270C
1,2,4-Trichlorobenzene	64	(31 - 110)			SW846 8270C
	66	(31 - 110)	4.5	(0-37)	SW846 8270C
4-Chloro-3-methylphenol	76	(29 - 124)			SW846 8270C
	80	(29 - 124)	4.4	(0-55)	SW846 8270C
Acenaphthene	77	(39 - 118)			SW846 8270C
	79	(39 - 118)	3.0	(0-35)	SW846 8270C
4-Nitrophenol	71	(19 - 144)			SW846 8270C
	76	(19 - 144)	6.5	(0-34)	SW846 8270C
2,4-Dinitrotoluene	86	(47 - 131)			SW846 8270C
	91	(47 - 131)	5.4	(0-32)	SW846 8270C
Pentachlorophenol	81	(10 - 140)			SW846 8270C
	83	(10 - 140)	2.2	(0-56)	SW846 8270C
Pyrene	87	(46 - 130)			SW846 8270C
	90	(46 - 130)	3.6	(0-31)	SW846 8270C

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Nitrobenzene-d5	75	(32 - 112)
	77	(32 - 112)
2-Fluorobiphenyl	65	(30 - 110)
	67	(30 - 110)
Terphenyl-d14	86	(10 - 144)
	91	(10 - 144)
Phenol-d5	66	(10 - 113)
	67	(10 - 113)
2-Fluorophenol	71	(13 - 110)
	72	(13 - 110)
2,4,6-Tribromophenol	72	(21 - 122)

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A3I040194 Work Order #...: FXLXV1AC-LCS Matrix.....: WATER
LCS Lot-Sample#: A3I040000-408 FXLXV1AD-LCSD

<u>SURROGATE</u>	PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>
	76	(21 - 122)

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: A3I040194

Matrix.....: WATER

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION-ANALYSIS DATE</u>	<u>WORK ORDER #</u>
LCS Lot-Sample#:	A3I050000-129	Prep Batch #....:	3248129		
Arsenic	97	(80 - 120)	SW846 6010B	09/05-09/08/03	FXMW11AW
		Dilution Factor:	1		
Chromium	99	(80 - 120)	SW846 6010B	09/05-09/08/03	FXMW11AX
		Dilution Factor:	1		
Nickel	102	(80 - 120)	SW846 6010B	09/05-09/08/03	FXMW11AO
		Dilution Factor:	1		

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #....: A3I040194

Matrix.....: WATER

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION-ANALYSIS DATE</u>	<u>WORK ORDER #</u>
LCS Lot-Sample#: A3I050000-129 Prep Batch #....: 3248129					
Arsenic	97	(80 - 120)	SW846 6010B Dilution Factor: 1	09/05-09/08/03	FXMW11AT
Chromium	99	(80 - 120)	SW846 6010B Dilution Factor: 1	09/05-09/08/03	FXMW11AU
Nickel	102	(80 - 120)	SW846 6010B Dilution Factor: 1	09/05-09/08/03	FXMW11AV

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #....: A3I040194

Matrix.....: WATER

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION-ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Total Suspended Solids	97	(66 - 119)	Work Order #: FX2CR1AC LCS Lot-Sample#: A3I090000-699 MCAWW 160.2 Dilution Factor: 1	09/10/03	3252699

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #....: A3I040194 **Work Order #....:** FXQ5C1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A3I060165-001 **FXQ5C1AD-MSD**
Date Sampled....: 09/05/03 11:05 **Date Received..:** 09/06/03
Prep Date.....: 09/12/03 **Analysis Date..:** 09/12/03
Prep Batch #....: 3258449
Dilution Factor: 2.5

<u>PARAMETER</u>	<u>PERCENT</u>	<u>RECOVERY</u>	<u>RPD</u>	<u>LIMITS</u>	<u>METHOD</u>
	<u>RECOVERY</u>	<u>LIMITS</u>			
1,1-Dichloroethene	106	(62 - 130)	2.2	(0-20)	SW846 8260B
	108	(62 - 130)			SW846 8260B
Trichloroethene	108	(62 - 130)	6.0	(0-20)	SW846 8260B
	97	(62 - 130)			SW846 8260B
Benzene	101	(78 - 118)	5.2	(0-20)	SW846 8260B
	107	(78 - 118)			SW846 8260B
Toluene	95	(70 - 119)	1.3	(0-20)	SW846 8260B
	96	(70 - 119)			SW846 8260B
Chlorobenzene	97	(76 - 117)	3.2	(0-20)	SW846 8260B
	100	(76 - 117)			SW846 8260B

<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>	<u>LIMITS</u>
	<u>RECOVERY</u>	<u>LIMITS</u>	
Dibromofluoromethane	112	(73 - 122)	
	113	(73 - 122)	
1,2-Dichloroethane-d4	100	(61 - 128)	
	102	(61 - 128)	
Toluene-d8	94	(76 - 110)	
	94	(76 - 110)	
4-Bromofluorobenzene	99	(74 - 116)	
	97	(74 - 116)	

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #....: A3I040194

Matrix.....: WATER

Date Sampled...: 09/03/03 07:30 Date Received..: 09/04/03

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>	<u>PREPARATION-ANALYSIS DATE</u>	<u>WORK ORDER #</u>
MS Lot-Sample #: A3I040199-001 Prep Batch #....: 3248129							
Arsenic	104	(75 - 125)			SW846 6010B	09/05-09/08/03	FXK941AR
	101	(75 - 125) 2.8 (0-20)			SW846 6010B	09/05-09/08/03	FXK941AT
		Dilution Factor: 1					
Chromium	107	(75 - 125)			SW846 6010B	09/05-09/08/03	FXK941AV
	104	(75 - 125) 2.8 (0-20)			SW846 6010B	09/05-09/08/03	FXK941AW
		Dilution Factor: 1					
Nickel	101	(75 - 125)			SW846 6010B	09/05-09/08/03	FXK941A0
	99	(75 - 125) 2.1 (0-20)			SW846 6010B	09/05-09/08/03	FXK941A1
		Dilution Factor: 1					

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #....: A3I040194

Work Order #....: FXJDG-SMP

Matrix.....: WATER

FXJDG-DUP

Date Sampled....: 09/03/03 08:00 **Date Received..:** 09/03/03

<u>PARAM</u>	<u>RESULT</u>	<u>DUPLICATE RESULT</u>	<u>UNITS</u>	<u>RPD</u>	<u>RPD LIMIT</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Total Suspended Solids			mg/L	0.0	(0-20)	MCAWW 160.2	SD Lot-Sample #: A3I030297-009 09/10/03	3252699
	22	22				Dilution Factor: 1		

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Date Sampled...: 09/04/03 13:00 Date Received..: 09/05/03

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	LIMIT	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Suspended Solids	ND	ND	mg/L	100	(0-20)	MCAWW 160.2	09/10/03	3252699
Dilution Factor: 1								

**Chain of
Custody Record**

STL-4124 (0801)

**SEVERN
TRENT
SERVICES**

Severn Trent Laboratories, Inc.

Client

Address

City

State

Zip Code

Project Name and Location (State)

Contract/Purchase Order/Quote No.

DAyne Fian

Project Manager

Date

Lab Number

Page

of

Chain of Custody Number

11231 Cummins Rd, Dr

Telephone Number (Area Code)/Fax Number

513 481-2255, 513-481-2533

Site Contact

M. Burkman

Lab Contact

R. T. H.

Carrier/Maybill Number

STL Container

Container & Preservatives

Matrix

Containers & Preservatives

Sample I.D. No. and Description

(Containers for each sample may be combined on one line)

Date

Time

Air

Aqueous

Sed.

Soil

Unpres.

H₂SO₄

HNO₃

HCl

NaOH

ZnAc/ NaOH

VOC 8260

SVOC

METAL-TOTAL

METALL-Dissolved

TOTAL SUS. SOLIDS

more space is needed

Special Instructions/
Conditions of Receipt

- Volatile Turb

- Dissolved To

DAN WOOD

- Discard Metal

Are Filtered

- Metals include:

ARSENIC, CHROMIUM

AND NICKEL ONLY

P-1 | 040303

MW-15 | 040303

MW-15 A | 040303

MW-18 | 040303

MW-43 A | 040303

DUROL | 040303

FBQ1 | 040303

4 | 1440

Sample Disposal

Return To Client

Disposal By Lab

Archive For

Months

(A fee may be assessed if samples are retained longer than 1 month)

Non-Hazard

Flammable

Skin Irritant

Poison B

Unknown

Other

Noone

OC Requirement (Specify)

1. Received By

2. Replaced By

3. Relinquished By

Date

Time

Date

Time

Date

Time

Comments

**Chain of
Custody Record**

**SEVERN
TRENT
SERVICES**

Severn Trent Laboratories, Inc.

STL-4124 (0801)

Client The Payne Firm **Project Manager** 9/3/03 **Date** 9/3/03 **Chain of Custody Number** 162870
Address

City

State

Zip Code

Site Contact

Date

Lab Number

Page

2 of 2

Project Name and Location (State)

Carrier/Waybill Number

Contract/Purchase Order/Quote No.

**Sample I.D. No. and Description
(Containers for each sample may be combined on one line)**

Date

Time

Matrix

Containers & Preservatives

X

VOC 8260

Analysis (Attach list if more space is needed)

**Special Instructions/
Conditions of Receipt**

Possible Hazard Identification

Air

Aqueous

Sed.

Soil

Unpres.

H2SO4

HNO3

HCl

NaOH

**ZnAc/
NaOH**

Sample Disposal
 Return To Client **Disposal By Lab** **Archive For** _____ Months (longer than 1 month)

Turn Around Time Required

QC Requirements (Specify)

24 Hours **48 Hours** **7 Days** **14 Days** **21 Days** **Other** _____

1. Relinquished By

Mr. PSC

Date 9/3/03 **Time** 1700

1. Received By

John M. Phillips

Date 9/3/03 **Time** 1700

2. Received By

John M. Phillips

Date 9/4/03 **Time** 10:00

3. Received By

John M. Phillips

Date 9/4/03 **Time** 10:00

Comments

STL Cooler Receipt Form/Narrative

Lot Number: A310410194

North Canton Facility

Client: Payne Farm
Cooler Received on: 9-4-03Project: EMA Chemicals
Opened on: 9-4-03Quote#: *Frank Stoller*
(Signature)FedEx Client Drop Off UPS Airborne Other:
Cooler Safe Foam Box Client Cooler

Other: _____

STL Shipper No#: *see back*

1. Were custody seals on the outside of the cooler? Yes No
 If YES, Quantity 2 Location vertical
 Were the custody seals signed and dated?
 2. Shipper's packing slip attached to this form?
 3. Were custody papers included inside the cooler and relinquished?
 4. Did you sign the custody papers in the appropriate place?

Intact? Yes No NA

Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>

5. Packing material used:

Peanuts Bubble Wrap Vermiculite Foam None Other: _____

6. Cooler temperature upon receipt _____ °C (see back of form for multiple coolers/temp)

METHOD: Temp Vial Coolant & Sample Against Bottles IR ICE/H₂O Slurry COOLANT: Wet Ice Blue Ice Dry Ice Water None

7. Did all bottles arrive in good condition (Unbroken)?
 8. Did all bottle labels and tags agree with the custody papers?
 9. Were samples at the correct pH? (record on back)
 10. Were correct bottles used for the tests indicated?
 11. Were air bubbles >6 mm in any VOA vials?
 12. Was a sufficient amount of sample sent in each bottle?

Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Contacted PM _____ Date: _____ by: _____ via Voice Mail Verbal Other

Concerning: _____

 MACRO MACRO

1. CHAIN OF CUSTODY

SR1A	The chain of custody and sample bottles did not agree. The following discrepancies occurred _____ _____ _____ _____
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2. SAMPLE CONDITION

SR2A	Sample(s) _____ were received or requested after the recommended holding time had expired.
SR2B	Sample(s) _____ were received with insufficient volume.
SR2C	Sample(s) _____ were received in a broken container.

3. SAMPLE PRESERVATION

SR3A	Sample(s) _____ were further preserved in sample receiving to meet recommended pH level(s). <i>Nitric Acid Lot # 061603-HNO3; Sulfuric Acid Lot # 112801-H₂SO₄; Sodium Hydroxide Lot # 011102-NaOH; Hydrochloric Acid Lot # 100902-HCl; Sodium Hydroxide and Zinc Acetate Lot # 112801-CH₃COO₂ZN/NaOH</i>
SR3B	Sample(s) _____ were received with bubble > 6 mm in diameter (cc: PM)

4. Other (see below or back)

_____ _____ _____
_____ _____ _____
_____ _____ _____

**STL Cooler Receipt Form/Narrative
North Canton Facility**

Discrepancies Cont.

Macro Name:

Macro Name:

Macro Name:

Other Anomalies:

END OF REPORT